

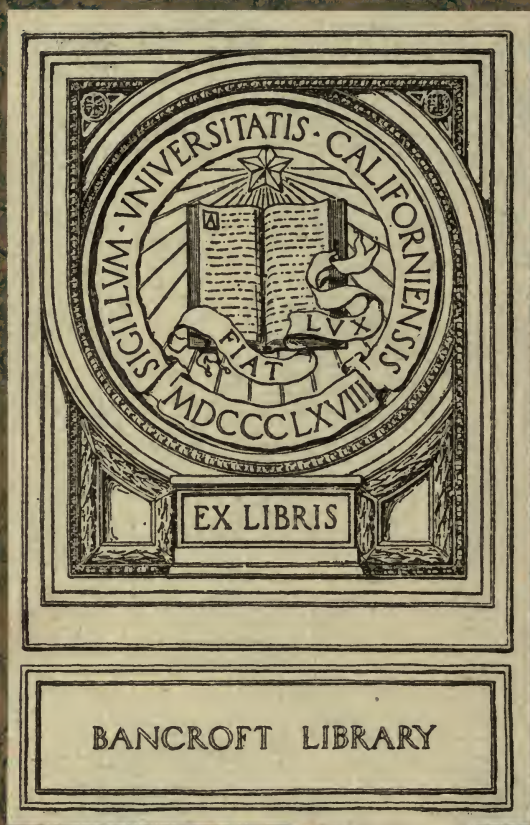
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Breadstuffs

IN

Latin America.

BOARD OF THE AMERICAN REPUBLICS.

Bulletin No 35. March, 1892

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Breadstuffs in Latin America.

(Compiled from official returns to October 1, 1891.)

BUREAU OF THE AMERICAN REPUBLICS.

Bulletin No. 35. March, 1892.

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BUREAU OF THE AMERICAN REPUBLICS.

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Breadstuffs in Latin America.

In the negotiation of the reciprocity arrangements authorized by the act of the last Congress approved October 1, 1890, an effort has been made to secure the free admission of breadstuffs and all farm products of the United States into the other Republics and the colonies of America, or at least to obtain as great a reduction in the duties upon that class of merchandise as is consistent with the revenues necessary to sustain the Governments of those Republics and colonies. So far as the negotiations have been completed that effort has been notably successful.

Under the arrangement between Brazil and the United States domestic breadstuffs from the latter country are now admitted free of all duty into the ports of Brazil. The schedule under the treaty and the former rate under the tariff still imposed upon breadstuffs imported from other nations are shown in the subjoined table:

Articles.	Schedule under the reciprocity treaty.	Former rate of duty under the tariff, expressed in United States equivalents.
		<i>Dollars.</i>
Barley..... per pound.	Free....	0. 0074
Corn..... do.....	..do.....	0. 0037
Corn meal..... do.....	..do.....	0. 03
Rye flour..... do.....	..do.....	0. 03
Wheat..... do.....	..do.....	Free.
Wheat flour..... do.....	..do.....	0. 004
Oats..... do.....	..do.....	0. 0037

The schedule of duties upon breadstuffs exported from the United States to the Spanish West Indies under the terms of the

reciprocity treaty with Spain and the duty formerly imposed upon breadstuffs under the tariff (still in force as to these imports from other nations) are as follows:

Articles.	Schedule of duties under reciprocity treaty for Cuba and Puerto Rico, expressed in United States equivalents.	Former rate of duty under the Cuban tariff, expressed in United States equivalents.	Former rate of duty under the Puerto Rico tariff, expressed in United States equivalents.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Oats, barley, and rye per cwt..	Free	0. 441	} 0. 336
Corn do....	0. 105	0. 441	
Wheat, from January 1, 1892....do....	0. 126	1. 323	
Oatmeal do....	Free	1. 764	} 0. 273
Rye flour.....do....	Free	0. 441	
Barley flour.....do....	Free .....	.....	
Corn meal.....do....	0. 105	0. 441	} 1. 025
Bran do....	Free	0. 441	
Wheat flour, from January 1, 1892.do....	0. 42	1. 97	
Bread and crackers, ordinary...do....	{ At a reduction of duty of 50 per cent from July 1, 1892. }	1. 323	1. 092
Bread and crackers, fine.....do....		2. 646	.....

The terms for the admission of breadstuffs into Santo Domingo from the United States under the reciprocity treaty between these countries and the former rate of duty, under the tariff, upon breadstuffs (still in force as to other countries) are set forth in the table annexed:

Articles.	Schedule under the reciprocity treaty.	Former rate of duty under the tariff, expressed in United States equivalents, and payable in Mexican dollars, worth in United States values 80 cents.	
		Valuation.	Duty.
		<i>Dollars.</i>	<i>Per cent.</i>
Oats per barrel..	Free	3. 00	60
Barley per cwt..	Free	12. 00	60
Rye do....	Free	4. 00	60
Maize per barrel..	Free	3. 00	60
Corn meal.....do....	Free	4. 50	60
Rye flour do....	Free	5. 00	60
Wheat flour do....	Free	7. 00	60

Owing to the lack of detailed statistics it is impossible to ascertain or estimate with any degree of accuracy the amount of breadstuffs produced or imported by the Latin-American countries and colonies, but it is conceded that the amount consumed by their aggregate population of fifty millions would be very much larger were it not for the high duties imposed upon such imports in most of them. Chile, Uruguay, and the Argentine Republic are the only countries south of the Gulf of Mexico and the Rio Grande that produce breadstuffs for export, and they have done so only within the last few years. In the other countries the production is limited because of climatic conditions and the fact that other products are found so much more profitable.

EXPORTS OF BREADSTUFFS TO LATIN AMERICA.

The value of the exports of breadstuffs from the United States to Latin America for the last ten years has been as follows:

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other breadstuffs and food prepara- tions.	Total.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Mexico:						
1881	241,071	4,142	82	93,675	55,167	394,137
1882	333,429	10,499	6,669	96,859	80,189	527,645
1883	396,970	14,069	1,848	176,560	99,456	688,903
1884	1,411,473	9,974	40	174,027	84,147	1,679,661
1885	1,379,805	3,829	60	120,535	57,149	1,561,378
1886	731,995	4,168	495	123,049	44,904	904,611
1887	492,880	5,161	30	142,378	63,027	703,476
1888	124,458	16,833	2,967	133,785	67,005	345,048
1889	197,225	3,226	2,428	183,318	79,885	466,082
1890	484,353	8,769	2,279	164,490	88,927	748,818
1891	397,809	7,202	9,507	203,792	110,326	728,636
British Honduras:						
1881	379	54	.....	82,983	10,476	93,892
1882	222	39	.....	92,788	10,243	103,292
1883	1,677	188	1,338	107,616	12,605	123,424
1884	664	220	.....	83,705	9,447	94,036
1885	944	351	.....	62,014	8,243	71,552
1886	1,056	207	.....	67,091	7,243	75,597
1887	2,558	282	.....	69,254	6,647	78,741
1888	984	133	.....	52,803	4,576	58,496
1889	2,570	120	2	66,226	5,452	74,370
1890	2,240	100	.....	48,929	4,795	56,064
1891	1,646	133	.....	76,629	10,682	89,090

BREADSTUFFS IN LATIN AMERICA.

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other breadstuffs and food prepara- tions.	Total.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Costa Rica:*						
1886	176	1,314	3,773	80,167	3,510	88,940
1887	9,380	580	14,382	102,100	6,953	133,395
1888	10,008	389	32,098	116,634	13,298	172,423
1889	1,557	155	22,638	153,787	7,581	185,718
1890	37,461	105	18,782	167,051	8,669	231,968
1891	3,593	844	27,850	177,681	6,803	216,771
Guatemala:*						
1886	80	515	19,079	134,738	5,313	159,725
1887	5,064	53	19,425	130,384	5,496	160,422
1888	52,938	38	17,637	173,986	10,268	254,867
1889	5,110	9	26,748	195,172	11,228	238,267
1890	2,665	194	26,403	202,411	11,916	243,589
1891	136,302	258	30,802	280,225	17,988	465,575
Honduras:						
1886	4,407	35	.....	64,703	2,980	72,125
1887	2,055	69	.....	62,702	2,352	67,178
1888	1,870	30	.....	69,235	5,587	76,722
1889	1,752	64	.....	66,032	4,923	72,781
1890	2,768	215	.....	56,263	2,784	61,030
1891	3,221	155	.....	89,488	3,417	96,281
Nicaragua:						
1886	2,136	128	.....	88,125	6,292	96,700
1887	4,178	38	19	87,471	11,676	103,363
1888	4,052	17	.....	100,851	14,139	119,059
1889	2,832	127	.....	119,919	13,652	136,530
1890	2,343	45	.....	115,154	15,681	133,223
1891	7,097	236	.....	153,244	19,299	179,876
Salvador:						
1886	348	15	50	146,453	1,956	148,822
1887	311	93	70	155,538	1,344	157,356
1888	1,475	30	1,124	193,124	2,490	198,243
1889	173	.....	1,379	169,359	2,771	173,682
1890	1,172	.....	2,400	208,313	4,145	216,029
1891	20,696	19	83	273,162	4,273	298,233
Colombia:						
1881	48,192	522	.....	223,368	55,282	327,364
1882	194,704	2,285	.....	372,099	60,294	629,382
1883	41,034	3,085	.....	306,740	63,475	414,334
1884	36,305	5,498	3	.....	71,786	477,734
1885	21,001	6,727	.....	294,806	79,063	401,597
1886	15,538	5,521	552	310,567	76,138	408,316
1887	18,222	6,459	167	353,171	82,620	460,639
1888	17,568	4,241	.....	342,982	76,007	440,798
1889	11,266	1,501	.....	326,688	49,245	388,700
1890	2,452	510	10	248,086	28,287	279,345
1891	7,611	911	3	296,238	32,172	336,935
Venezuela:						
1881	205,979	1,605	2,169	530,019	104,342	844,114
1882	22,204	1,026	11,977	673,045	49,672	757,924
1883	12,891	1,027	3,223	589,007	53,516	659,664

*Central America not separately stated until 1886.

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other breadstuffs and food prepara- tions.	Total.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Venezuela—Cont'd.						
1884	1, 190	576	2, 080	518, 054	53, 781	575, 681
1885	288, 196	559	3, 700	616, 348	56, 178	964, 981
1886	147, 863	570	2, 077	602, 567	66, 822	819, 899
1887	5, 968	730	3, 042	573, 219	78, 039	660, 998
1888	5, 444	783	2, 945	599, 221	53, 114	661, 507
1889	119, 288	923	5, 205	791, 007	73, 166	989, 589
1890	129, 831	1, 240	1, 993	807, 642	86, 522	1, 027, 228
1891	141, 891	3, 040	14, 631	1, 066, 605	97, 606	1, 323, 773
British Guiana:						
1881	62, 484	11, 421	.....	619, 852	111, 451	805, 208
1882	53, 997	7, 013	.....	601, 756	106, 887	769, 653
1883	68, 750	4, 434	.....	564, 487	89, 537	727, 208
1884	50, 577	2, 147	.....	569, 665	98, 426	720, 875
1885	56, 363	5, 725	.....	551, 055	34, 604	647, 747
1886	39, 287	6, 138	.....	554, 430	26, 286	626, 141
1887	30, 275	1, 055	.....	466, 957	28, 952	527, 239
1888	45, 627	4, 226	.....	609, 487	31, 683	691, 023
1889	34, 417	2, 346	.....	540, 132	17, 346	594, 241
1890	34, 960	14, 843	20	673, 949	10, 300	734, 072
1891	54, 733	5, 376	.....	704, 264	20, 356	784, 739
Dutch Guiana:						
1881	332	31	.....	51, 480	3, 609	55, 452
1882	525	20	.....	96, 149	3, 629	100, 323
1883	100	30	.....	76, 039	4, 060	80, 229
1884	202	50	.....	66, 292	3, 795	70, 339
1885	280	172	.....	57, 390	2, 776	60, 618
1886	111	48	.....	63, 634	1, 874	65, 667
1887	97	.....	.....	48, 315	2, 298	50, 710
1888	993	153	.....	62, 821	2, 931	66, 898
1889	312	85	.....	55, 666	2, 060	58, 123
1890	248	217	.....	56, 394	1, 905	58, 764
1891	903	268	.....	71, 749	3, 008	75, 928
French Guiana:						
1881 .....	.....	163	.....	13, 912	2, 375	16, 450
1882	199	177	.....	15, 624	4, 785	20, 785
1883	119	208	.....	12, 722	2, 415	15, 464
1884	443	147	.....	11, 718	90	12, 398
1885	205	234	.....	13, 123	198	13, 760
1886	314	242	.....	18, 000	870	19, 426
1887	697	442	.....	18, 078	1, 843	21, 060
1888	1, 283	293	.....	27, 058	2, 521	31, 155
1889	1, 028	329	.....	25, 240	1, 342	27, 939
1890	1, 799	337	.....	22, 148	5, 898	30, 182
1891	2, 695	536	.....	21, 296	4, 539	29, 066
Brazil :						
1881	273	.....	23, 208	4, 392, 900	37, 742	4, 454, 123
1882 .....	.....	2	153	4, 546, 224	44, 001	4, 590, 380
1883	172	.....	61, 140	4, 517, 030	42, 254	4, 620, 596
1884	42	16	.....	3, 845, 224	46, 348	3, 891, 630
1885	42	55	24, 860	3, 369, 074	25, 417	3, 419, 448
1886	332	51	4, 990	2, 674, 327	28, 248	2, 707, 948

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other breadstuffs and food prepara- tions.	Total.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Brazil—Continued.						
1887	2, 124	390	45, 718	3, 596, 204	33, 707	3, 678, 143
1888	699	295	150	2, 778, 353	32, 784	2, 812, 281
1889	28, 354	210	384, 337	3, 651, 908	38, 242	4, 103, 051
1890	19, 607	10	1, 616, 158	3, 304, 990	32, 891	4, 973, 656
1891	8, 543	279	501, 207	3, 838, 919	37, 173	4, 386, 121
Uruguay :						
1881	69		32, 850	6, 159	4, 386	43, 464
1882			425	28, 380	1, 431	30, 236
1883			1, 230	59, 954	2, 207	63, 391
1884				19, 908	5, 625	25, 533
1885				2, 455	281	2, 736
1886		110		25	2, 621	2, 756
1887				51	3, 197	3, 248
1888					2, 033	2, 033
1889			162, 941	114, 559	5, 758	283, 258
1890			647, 587	54, 147	3, 729	705, 463
1891					2, 368	2, 368
Argentine Republic :						
1881			72, 995	5, 365	389	78, 749
1882					379	379
1883				14, 100	967	15, 067
1884				5	909	914
1885					1, 456	1, 456
1886					2, 867	2, 867
1887		10	1, 220		8, 756	9, 986
1888	468	220		740	4, 553	5, 981
1889	9, 395	734			1, 362	11, 491
1890			71, 057		1, 344	72, 401
1891					204	204
Chile:						
1881	260	15		1, 850	970	3, 095
1882					121	121
1883					137	137
1884	19			224	149	392
1885					101	101
1886	138				226	364
1887		31	200	6, 305	27, 794	34, 330
1888		17	117, 835	704	1, 553	120, 109
1889			200, 147	789	410	201, 346
1890			23, 177	1, 546	735	25, 458
1891	946	60	41, 342	55, 726	19, 367	117, 441
Bolivia:						
1888					27	27
1890				140		140
1891						
Peru:						
1882				250	380	630
1883	46			63	490	599
1884	5			1, 545	370	1, 920
1885	53			119	1, 817	1, 989
1886	21			1, 100	466	1, 600

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other breadstuffs and food prepara- tions.	Total.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Peru--Continued.						
1887	173	.....	80,542	34,460	1,324	116,499
1888 .....	.....	13	41,010	2,984	2,290	46,284
1889 .....	.....	.....	.....	652	1,136	1,788
1890 .....	.....	.....	77,225	658	843	78,726
1891 .....	.....	.....	58,801	8,649	2,656	70,106
Ecuador:						
1887 .....	.....	.....	.....	24,743	29,623	54,366
1888 .....	.....	.....	.....	28,604	3,693	32,297
1889 .....	.....	.....	.....	63,578	2,691	66,269
1890 .....	.....	.....	.....	130,573	4,119	134,692
1891 .....	.....	.....	.....	157,092	2,017	159,109
All other countries and ports of South America:						
1883	3,500	.....	.....	656	1,165	5,321
1884 .....	.....	.....	.....	2,478	4,106	6,584
1885 .....	.....	.....	.....	829	770	1,599
1886 .....	.....	.....	18	6,997	4,551	11,566
British West Indies:						
1881	766,218	72,545	508	2,563,776	423,322	3,826,369
1882	555,024	62,707	3,154	2,390,158	417,747	3,428,790
1883	510,922	53,004	2,318	2,100,852	373,971	3,041,067
1884	462,669	60,520	1,338	2,105,233	312,632	2,942,392
1885	514,546	55,225	1,119	1,865,216	285,494	2,721,600
1886	502,548	67,223	2,168	2,030,491	335,600	2,938,030
1887	372,372	60,408	1,095	1,702,990	288,675	2,425,540
1888	418,791	52,045	2,287	1,939,989	303,672	2,716,784
1889	489,712	60,322	709	2,083,433	366,983	3,001,159
1890	459,726	101,599	997	1,945,265	364,113	2,871,700
1891	717,851	103,571	125,954	2,496,241	443,558	3,887,175
Dutch West Indies:						
1881	174,605	968	.....	176,269	45,984	397,826
1882	153,402	769	1,157	176,594	40,359	372,281
1883	100,730	788	163	124,365	35,737	261,783
1884	80,923	501	.....	131,911	25,021	238,356
1885	148,007	596	.....	126,200	23,535	298,338
1886	105,678	749	97	119,769	21,713	248,006
1887	57,936	262	.....	95,460	17,405	171,063
1888	58,580	475	.....	104,003	15,970	179,028
1889	99,996	283	32	136,529	25,874	262,714
1890	90,373	137	.....	99,212	22,115	211,837
1891	71,597	466	25	111,173	24,554	207,815
French West Indies:						
1881	45,023	5,421	26,899	540,275	67,813	685,431
1882	33,852	4,528	32,798	560,118	57,538	688,834
1883	49,894	3,741	45,642	531,618	54,728	685,623
1884	37,917	2,249	43,194	462,482	44,697	590,539
1885	50,043	1,490	.....	478,412	65,610	595,555
1886	31,158	834	31	483,488	67,388	582,899
1887	35,703	1,390	1,840	411,322	47,384	497,639
1888	36,022	1,887	24,137	425,655	53,830	541,531

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other breadstuffs and food prepara- tions.	Total.
<i>French West Indies— Continued.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
1889	38, 361	1, 847	21, 752	536, 012	49, 857	647, 829
1890	37, 609	8, 197	31, 887	495, 421	49, 109	622, 223
1891	48, 966	1, 114	11, 366	556, 807	55, 570	673, 823
<i>Danish West Indies:</i>						
1881	90, 291	633	4, 813	185, 870	29, 252	310, 859
1882	94, 936	1, 431	8	173, 440	28, 989	298, 804
1883	83, 880	1, 262	.....	171, 159	31, 907	288, 208
1884	72, 666	882	.....	152, 544	17, 162	243, 254
1885	70, 199	268	9	139, 632	15, 176	225, 284
1886	64, 427	525	2	143, 894	12, 867	221, 715
1887	59, 888	492	2	136, 600	15, 426	212, 408
1888	64, 943	290	2	132, 647	12, 082	209, 964
1889	57, 316	879	2	131, 910	13, 140	203, 247
1890	53, 581	862	.....	137, 128	14, 103	205, 674
1891	66, 579	436	4	124, 231	17, 852	209, 102
<i>Spanish West Indies:</i>						
1881	164, 744	13, 452	22	733, 486	267, 174	1, 178, 878
1882	363, 691	17, 691	36, 262	654, 593	307, 496	1, 379, 733
1883	231, 963	24, 791	62, 371	1, 745, 360	377, 334	2, 441, 819
1884	128, 805	10, 277	5, 069	1, 245, 342	92, 164	1, 481, 657
1885	83, 066	3, 909	786	1, 309, 364	74, 659	1, 471, 784
1886	121, 282	7, 763	121	1, 468, 088	83, 714	1, 680, 968
1887	214, 656	15, 236	185	1, 469, 685	79, 680	1, 779, 442
1888	104, 469	8, 305	168	1, 846, 419	68, 581	2, 027, 942
1889	98, 144	8, 221	35	1, 828, 704	74, 725	2, 009, 829
1890	308, 342	18, 688	1, 246	1, 864, 054	100, 044	2, 292, 374
1891	254, 575	12, 585	23	1, 260, 714	95, 957	1, 623, 854
<i>Haiti:</i>						
1881	4, 465	2, 277	.....	1, 029, 357	37, 180	1, 073, 279
1882	4, 352	1, 757	.....	626, 880	28, 213	661, 202
1883	4, 339	1, 469	.....	547, 770	14, 755	568, 333
1884	1, 856	1, 119	.....	403, 208	9, 406	415, 589
1885	1, 849	562	.....	448, 703	11, 537	462, 651
1886	810	867	3, 947	485, 156	12, 108	502, 888
1887	1, 165	355	.....	374, 893	11, 593	388, 006
1888	327	572	.....	615, 435	18, 795	635, 129
1889	1, 338	1, 599	.....	787, 919	28, 038	818, 894
1890	4, 622	2, 988	.....	777, 974	34, 647	820, 231
1891	5, 509	5, 396	.....	1, 180, 871	31, 895	1, 223, 671
<i>Santo Domingo:</i>						
1881	908	96	.....	132, 085	10, 894	143, 983
1882	643	222	.....	135, 013	12, 097	147, 975
1883	222	239	.....	155, 763	18, 225	174, 449
1884	1, 188	184	.....	177, 414	14, 501	193, 287
1885	685	230	.....	148, 069	11, 833	160, 817
1886	1, 343	241	2	193, 543	8, 946	204, 075
1887	908	278	.....	143, 689	8, 055	152, 930
1888	1, 257	361	5	135, 285	6, 725	143, 633
1889	1, 261	496	.....	202, 678	7, 747	212, 182
1890	1, 690	559	.....	149, 260	11, 472	162, 981
1891	2, 152	754	.....	206, 239	12, 856	222, 001

The capacity of the several Latin-American countries for the production of breadstuffs and the extent to which they derive their supply of cereal products from the United States are hereinafter set forth in detail.

ARGENTINE REPUBLIC.

The history of cereal agriculture in the Argentine Republic and of its wonderful development presents a study of great interest. It has for sometime been the aim of that country to successfully compete with the United States in the supplying of food products to the markets of Europe and America.

Notwithstanding the difficulties encountered in the shape of political changes, lack of immigration, financial embarrassment, and the greater attraction offered by the lucrative and less laborious occupation of stock raising, agriculture has already made gigantic strides in the Argentine. With a soil of excessive fertility, hardly to be surpassed anywhere, and a climate and physical condition highly favorable to agricultural production, still more rapid development is to be expected. The cultivation of the soil was an occupation of the Indians before the discovery and conquest of these countries, and fertilization and irrigation were understood and applied by them in this pursuit. One of the chief products of the country was maize or Indian corn. Wheat, oats, rye, barley, and other cereals introduced from Europe by the conquerors grew bountifully in this new land.

While the agricultural methods are still primitive in some parts of the country, modern appliances are largely used near the railways and cities. The great want, however, is a population to till the soil. This necessity can only be supplied by increased immigration, as the natives and Spaniards are not inclined to agriculture.

In 1875 the total amount of land under cultivation in the entire Republic was only 825,492 acres, and in 1888 the official figures give the amount at 2,359,958 hectares, about equal to

5,899,895 acres. This, however, is less than 1 per cent of the 715,210,080 acres included in the total area of the country.

Wheat, maize, barley, rye, and oats may be grown in all departments of the Republic from Patagonia to Bolivia, and from the Andes to La Plata; and while all this extent of territory may not, from lack of rain and facilities for irrigation or from saline properties in the soil, be suitable for cereal cultivation, the portions not adapted for agriculture are comparatively insignificant.

Wheat is generally sown from June to August, and harvested in November. The planting of maize takes place from September to January, and may be readily followed by a second crop.

The increase progressively in the wheat and corn acreage since 1875 was as follows (the acreage of 1889, an estimate only, is considered too moderate in view of the increase in immigration):

Crop.	1875.	1884.	1888.	1889.
	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>	<i>Acres.</i>
Wheat.....	271, 436	686, 000	824, 099	1, 035, 000
Corn.....	249, 356	330, 000	832, 609	850, 000

The acreage of 1890, it is claimed, is for wheat, 3,306,322 acres, and for maize, 1,685,290 acres. Should these figures prove correct, the increase over 1889 would be marvelous.

EXPORTS FROM THE ARGENTINE REPUBLIC.

Before 1870 La Plata imported wheat for its consumption; from 1870 to 1878 its production was sufficient for the home demand and since then the cultivation of the cereals, due to European immigration, has increased continuously. The surplus above its own requirements grew from 200 tons in 1877 to 100,000 tons in 1885. The cultivation of maize developed likewise with great rapidity. From 1877 to 1886 its exports increased from 10,000 tons to 230,000 tons.

A comparative statement from official sources of the flour, wheat and maize exports of 1881 and 1890 shows a wonderful increase:

Years.	Wheat.	Flour.	Maize.
	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>
1890.....	326, 186	13, 018	707, 282
1881.....	1, 166	1, 286	25, 052
Increase.....	325, 020	11, 732	682, 230

In 1888 the land under cultivation was greater than ever before, and the harvest gave hopeful promise; but a series of heavy rains caused almost a total failure in the crops, with the exception of corn, and the export of wheat decreased largely.

An estimate of the acreage of the crops and probable yield in 1890-'91 shows the following result:

Crop.	Land cultivated.	Probable yield.	Available for export.
	<i>Acres.</i>	<i>Tons.</i>	<i>Tons.</i>
Wheat	3, 306, 332	900, 000	390, 000
Maize.....	1, 685, 290	1, 000, 000	500, 000
Oats.....	71, 662		

The condition of agriculture in Argentine is best indicated by its commerce in these products.

FOREIGN TRADE IN BREADSTUFFS.

The foreign trade in breadstuffs for twelve years, 1870 to 1881, is shown in the subjoined tables:

Year.	Imports.			Exports.		
	Wheat.	Flour.	Indian corn.	Wheat.	Flour.	Indian corn.
	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>
1870.....	3, 903	5, 726				
1871.....	1, 524	5, 681		8	16	
1872.....	1, 424	2, 140		17	205	
1873.....	1, 054	1, 017		4	121	1, 646
1874.....	2, 550	7, 417	60	357	24	3, 862
1875.....	4, 847	16, 922	60		12	222
1876.....	335	3, 129	14	20	353	8, 058
1877.....	600	127		199	218	9, 817
1878.....	9	6		2, 547	2, 918	17, 064
1879.....	6	3		25, 669	1, 603	29, 521
1880*.....	18, 581	1, 116		1, 665	1, 423	15, 032
1881*.....	11, 478	1, 142		157	1, 287	25, 052

* There was a failure of the wheat crop in 1880 and a partial failure in 1881.

Omitting the two years in which the wheat crop failed, this table in the decreased imports and increased exports shows convincingly the enormous growth of cereal cultivation in this country, and a comparison with exports from 1883 to 1890 again exhibits an astonishing increase.

Export of cereals 1883 to 1887.

Year.	Wheat.	Flour.	Maize.
	<i>Tons.</i>	<i>Tons.</i>	<i>Tons.</i>
1883	60, 754	4, 844	18, 634
1884	108, 499	3, 743	113, 710
1885	78, 493	7, 447	197, 859
1886	37, 864	5, 262	231, 660
1887	237, 865	5, 386	361, 456

Cereal exports.

Crop.	1888.		1889.		1890.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
	<i>Tons.</i>	<i>Dollars.</i>	<i>Tons.</i>	<i>Dollars.</i>	<i>Tons.</i>	<i>Dollars.</i>
Wheat	178, 928	8, 248, 614	22, 806	1, 596, 446	327, 894	9, 836, 824
Maize	162, 037	5, 444, 464	432, 590	12, 977, 720	707, 282	14, 145, 639
Flour	6, 392	639, 254	3, 360	510, 853	12, 018	600, 894

The exports of other breadstuffs in 1888 were bran, \$33,132, and barley, \$6,596, and these exports in 1889 were as follows:

Articles.	1889.	1890.
	Value.	Value.
	<i>Dollars.</i>	<i>Dollars.</i>
Bran	69, 083	28, 337
Barley	7, 818	13, 871
Biscuits and crackers	19, 567	8, 476

DESTINATION OF EXPORTS.

By the following tables the destination of the exports of wheat, flour, and maize in 1889 are shown :

Country.	Quantity.	Value.
WHEAT.		
	<i>Tons.</i>	<i>Dollars.</i>
Germany.....	637	44, 638
Belgium.....	2, 708	189, 607
Brazil.....	4, 209	294, 685
Spain.....	415	29, 089
France.....	685	47, 963
Italy.....	508	35, 572
Paraguay.....	4, 685	327, 969
Great Britain.....	3, 500	245, 209
Uruguay.....	4, 877	341, 445
Not designated.....	582	40, 269
Total.....	22, 806	1, 596, 446
MAIZE.		
South Africa.....	810	24, 329
Germany.....	19, 778	593, 352
Belgium.....	21, 268	638, 049
Brazil.....	99, 967	2, 999, 028
Chili.....	583	17, 514
Spain.....	13, 962	418, 888
France.....	71, 583	2, 147, 509
Italy.....	27, 860	835, 800
Holland.....	2, 294	68, 844
Portugal.....	1, 841	55, 247
Great Britain.....	161, 111	4, 863, 347
Uruguay.....	537	16, 125
Not designated.....	10, 996	299, 688
Total.....	432, 590	12, 977, 720
FLOUR.		
Belgium.....	99	15, 097
Bolivia.....	7	1, 160
Brazil.....	678	103, 088
Spain.....	21	3, 213
France.....	272	41, 482
Italy.....	32	4, 949
Paraguay.....	619	94, 225
Great Britain.....	28	4, 316
Uruguay.....	1, 569	238, 565
All others.....	35	4, 758
Total.....	3, 360	510, 853

In the city of Buenos Aires alone there are twenty-three steam flour mills, most of them with all the modern and improved machinery, and five establishments manufacture crackers of an excellent quality.

EXPORTS FROM THE UNITED STATES.

The breadstuff exports from the United States to the Argentine in 1889, 1890, and 1891 were as follows :

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit.....pounds	5, 082	410	6, 460	521	.....	.....
Corn.....bushels	17, 411	9, 395	.....	.....	.....	.....
Oats.....do....	1, 786	734	.....	.....	.....	.....
Wheat.....do....	.....	.....	76, 005	71, 057	.....	.....
All other breadstuffs .....	.....	952	.....	823	.....	204
Total.....	.....	11, 491	.....	72, 401	.....	204

BOLIVIA.

While the territory on the western mountains of Bolivia and on the pampas is either barren or poor, the elevated lands in the center are productive and the valleys and lowlands in the east are of unsurpassed fertility.

The table-lands of the departments of Cochabamba and Chuquisaca are great cereal-growing regions and produce corn and wheat in quantities. Barley is generally grown in this section, and maize is also raised in the lowlands of the east.

Cochabamba until within a few years furnished sufficient flour for the consumption of the country. Notwithstanding the fertile lands of eastern Bolivia, the rude system of cultivation made use of will preclude for some time any increase in the agricultural production of this Republic.

No agricultural statistics seem to have been officially collated,

and it is impossible to find any mention of the extent of surface devoted to the growth of cereals or the amount harvested.

The present exports of flour from the United States to Bolivia are inconsiderable, not exceeding \$150 in any one year.

BRAZIL.

The great extent and varying altitude of Brazil allow the cultivation of nearly all the products of the tropical and temperate zones in some part of its vast territory. While the methods of cultivation have not attained to the perfection of Europe and North America, great strides have been taken in late years toward this goal in southern Brazil, and each year the improvement becomes more marked.

There are districts where the cultivation of all the cereals can be successfully accomplished, but other agricultural industries have caused some of them to be neglected.

Indian corn, one of the chief crops, is grown with good results in nearly every state of the country. The states of Sao Paulo and Minas Geraes produce it most extensively. Partly by reason of the lack of cheap communication with the interior the demand is greater than the home supply, and the seaboard cities usually require the import of corn or corn meal to a small extent. There appears to be no export of this product.

Mandioca, a plant indigenous to Brazil, which is said to have been cultivated by the natives before the colonization of the country by Europeans, grows abundantly in all parts of the territory. Among its uses, the root is made into the farinha, a coarse meal, which is everywhere a substitute for wheat flour, although possessing much less nutritive qualities. About twenty million pounds of this meal are received at Rio alone. The State of Santa Catharina excels in the production of the flour of manioc, the yield being not only sufficient for its consumption but for export to other States, and the supply of Rio is almost entirely drawn

from this source. The export of this flour for four years is stated below :

Years.	Quantity.	Value.
	<i>Pounds.</i>	<i>Dollars.</i>
1883-'84.....	2, 605, 804	46, 869
1884-'85.....	3, 092, 505	65, 566
1885-'86.....	3, 216, 500	59, 917
1886-'87.....	5, 011, 680	70, 553

CULTIVATION OF WHEAT IN BRAZIL.

The cultivation of wheat in many of the provinces of Southern Brazil was as early as 1805 quite an important industry, and in the elevated regions of the Espirito Santo, and Bahia in the north, it was successfully grown. In the present State of Rio Grande do Sul it was produced quite extensively and exported until about 1820, although the country was then sparsely settled. A general failure of crops for two or three years caused the abandonment of its cultivation. It is claimed that the soil generally of this State is adapted to wheat growing.

The wheat production of this region from 1805 to 1820, is indicated in the subjoined table extracted from a work written in 1822 by José Gonçalves Chaves :

Year.	Quantity.	Year.	Quantity.
	<i>Bushels.</i>		<i>Bushels.</i>
1805.....	136, 825	1813.....	341, 087
1806.....	87, 755	1814.....	270, 259
1807.....	140, 338	1815.....	288, 447
1808.....	257, 308	1816.....	279, 621
1809.....	154, 038	1817.....	133, 359
1810.....	190, 545	1818.....	76, 395
1811.....	205, 534	1819.....	121, 542
1812.....	213, 928	1820.....	109, 608

In the Northern States of Brazil lack of communication, and the *secca* or drought which occurs, are hindrances to agricultural

developments. In the Amazon valley the culture of the breadstuffs of the temperate zones does not succeed. Wheat, barley, oats, and rye have a rank growth, but produce no grain. Indian corn grows abundantly, but it is used for food only in times of scarcity by reason of its heating qualities.

While wheat has been grown experimentally as far north as Pernambuco, its profitable cultivation seems to be confined to the States of Rio Grande do Sul, Paraná, and Santa Catarina, and perhaps São Paulo and Minas Geraes, where it is stated there is good wheat land. The probabilities are that only a comparatively small area of this great country is adapted to the growth of this product.

The raising of wheat, laid aside or neglected for more productive cultivation, it is claimed will in a few years increase rapidly. The Government has offered bounties for agricultural products, and to-day the State of Rio Grande do Sul raises sufficient of this grain to supply half of its consumption. Agriculture in this State is followed chiefly by the Italian and German immigrants. Four colonies of Italians, located northwest of Porto Alegre, raised, in 1884, 12,432,400 pounds of wheat, and they now grow sufficient to supply the demands of a population of 75,000. Their distance from the markets and the lack of flour mills, only one of which exists in the State, retard the immediate development of wheat cultivation. The success of wheat raising in Uruguay and the large importations of flour from Montevideo have turned attention to this industry in this State, where the soil and climate are similar.

Until within a few years milling was scarcely known in Brazil, there being only mills of small account in Rio Grande do Sul and other provinces for grinding corn and rye.

Two milling companies, one Brazilian and one English, have recently been established at Rio Janeiro. These companies import wheat from the River Plate, the United States, Europe, and elsewhere, and supply 40 per cent of the flour consumed at Rio.

IMPORTS OF FLOUR.

The importations of flour into Rio in 1888 and 1889 were as follows:

Countries.	1888.	1889.
	<i>Barrels.</i>	<i>Barrels.</i>
United States.....	266,683	342,741
Trieste.....	31,648	32,642
River Plate.....	90,533	.....
New Zealand.....	250	.....
Cape of Good Hope.....	.....	2,450
Total	389,114	377,833

Notwithstanding the increased consumption of 1889 the importation was 11,281 barrels less than the previous year. The English company imported 40,898³/₄ tons of wheat in the grain and placed on the market 205,665 barrels of flour, while the production of the Brazilian company was 29,681 barrels and 417,031 bags of various weight. The output of these mills for 1890 was stated to be 325,314 and 216,830 barrels, respectively.

The United States consul at Rio Grande do Sul states that in 1888 the flour imports of that port from the United States declined over 3,306,000 pounds compared with 1887, and that the importations of this article from Austria, Chile, Argentine, and Uruguay, also fell away, due, it is supposed, to the importation of wheat which was ground at the Rio flour mills.

The receipts of wheat flour at Rio de Janeiro for four years from the United States and the River Plate were:

Year.	River Plate.	United States.
	<i>Barrels.</i>	<i>Barrels.</i>
1886.....	70,101	307,625
1887.....	63,871	328,804
1888.....	88,280	267,658
1889.....	.....	344,108

A partial failure of the Argentine wheat crop accounts for the lack of importation of flour from that country in 1889, and the increase in the United States imports, but the added importations from the two countries in 1889 fell below those of 1888.

At Pelotas, in the State of Rio Grande do Sul, there is also a flour mill for which wheat is imported. Its first consignment of American wheat was received in October, 1889, consisting of 11,600 bushels.

IMPORTS OF WHEAT.

At the port of Rio de Janeiro in 1888 the importations of wheat were 29,041,145 pounds; value \$287,698, and of wheat flour 73,385,402 pounds, amounting to \$1,938,658.

EXPORTS FROM THE UNITED STATES.

In 1889, 1890, and 1891 the United States supplied breadstuffs to Brazil as follows:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit, pounds.	149, 764	11, 968	122, 327	8, 051	180, 310	9, 796
Corn.....bushels..	51, 152	25, 783	38, 985	19, 094	10, 341	8, 451
Corn meal.....barrels..	869	2, 571	179	513	23	92
Oats.....bushels..	475	210	35	10	449	279
Wheat.....bushels..	415, 507	384, 337	1, 768, 234	1, 616, 158	580, 127	501, 207
Wheat flour.....barrels..	678, 972	3, 651, 908	687, 342	3, 304, 900	722, 379	3, 838, 919
All other breadstuffs.....		26, 274		24, 840		27, 377
Total.....		4, 103, 051		4, 973, 656		4, 386, 121

CHILE.

The agricultural zone of Chile extends from the island of Chil e north through the great central valley; the soil is generally good and well watered, and often prodigiously fertile, and the climate genial with abundant rains as the latitude increases. All climatic conditions exist in this country. Irrigation is necessary in most of the coast districts, and their methods in this respect are

fairly skillful. A lack of rain in the extreme north and an excess of moisture and rainfall in the south are hindrances to the cultivation of those regions. This agricultural section contains about 43,417,600 acres, or about 23 per cent of the Republic.

The soil is here so extremely fertile that agriculture is very profitable; the wheat yields are generally enormous, and corn and barley are among the other principal products. Rye and oats may be successfully cultivated, but very little of them is grown.

The system of cultivation was until recently quite rude, and even now the improved methods of modern farming are little used except on the large estates or on the coast.

The land has hitherto been generally owned in large holdings, but the abolition of the law of primogeniture has greatly increased the number of the smaller farms.

According to the census of 1875 there were produced in Chile 12,628,847 bushels of wheat, 2,841,150 of barley and 4,854,211 of corn; the harvest of rye was 11,783 bushels. This was in the year 1874, and an official estimate (1890) gives the present annual production at 10,000,000 hectoliters (about 28,379,000 bushels) of wheat, and 3,000,000 hectoliters (or 8,513,700 bushels) of all other cereals. There are a number of flour mills in Chile, and their production has not only supplied the requirements of the country, but enabled it at one time to export considerable quantities made from wheat grown there. A failure to adopt the improved methods of flour milling, with other causes, has lead to a decrease in the output of this industry. The National Society of Agriculture states the flour exports for five years, from 1864 to 1868, to be 2,009,845 quintals, and for the five years, 1884 to 1888, to have amounted only to 253,891 quintals, equivalent to 2,260,685 barrels and 285,576 barrels respectively.

EXPORTS OF BREADSTUFFS.

Chile at one time exported grain to California, and was a considerable exporter of this article to other countries.

In 1880 its exports of wheat to France were in value \$2,126,000, and it exported to Great Britain as follows:

Articles.	1879.	1880.
Wheat.....	\$3, 760, 000	\$3, 575, 000
Barley.....	112, 000	491, 000
Wheat meal and flour.....	247, 000	311, 000

The statistics of Great Britain give its imports of breadstuffs from Chile for five years, 1885 to 1889, as below.

Year.	Wheat.		Barley.		Wheat meal and flour.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
	<i>Cwts.</i>	<i>Dollars.</i>	<i>Cwts.</i>	<i>Dollars.</i>	<i>Cwts.</i>	<i>Dollars.</i>
1885.....	1, 622, 852	3, 109, 543	152, 583	273, 682	13	39
1886.....	1, 701, 695	3, 102, 442	165, 338	295, 625	3, 822	8, 103
1887.....	2, 206, 272	4, 070, 968	73, 081	132, 340	3, 500	9, 368
1888.....	1, 485, 861	2, 777, 287	326, 792	569, 381	.....	.....
1889.....	572, 953	1, 100, 389	297, 051	501, 415	.....	.....

IMPORTS AND EXPORTS.

Chile's commerce in breadstuffs for the years 1888 and 1889 is indicated in the table annexed.

Imports.

Articles.	1888.		1889.	
	Quantity.	Value.	Quantity.	Value.
	<i>Pounds.</i>	<i>Dollars.</i>	<i>Pounds.</i>	<i>Dollars.</i>
Barley (pearl).....	35, 871	1, 939	44, 626	2, 457
Crackers (fine).....	38, 150	8, 691	77, 846	17, 710
Corn meal.....	13, 227	900	17, 403	1, 341
Oatmeal.....	35, 435	2, 437	37, 800	2, 601
Wheat.....	3, 480	79	3, 562, 980	130, 366

Exports.

Barley.....	53, 484, 718	773, 477	15, 315, 453	236, 199
Flour (superfine).....	6, 950, 118	235, 496	6, 923, 490	282, 639
Maize.....	90, 763	1, 234	258, 655	4, 692
Wheat.....	204, 775, 256	4, 548, 729	109, 559, 640	2, 915, 215

The wheat imported in 1889 came from the United States. The exportation of barley was almost entirely to Great Britain, of flour principally to South America, and of wheat to Great Britain and South America.

EXPORTS FROM THE UNITED STATES.

Breadstuffs were imported into Chile from the United States in the fiscal years 1889, 1890, and 1891 as follows:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Barley bushels..					25, 288	18, 607
Bread and biscuit...pounds..	1, 500	165	1, 500	75	6, 650	331
Corn.....bushels..					1, 073	946
Oatmeal.....pounds..					1, 100	60
Wheat bushels..	22, 707	200, 147	27, 592	23, 177	45, 134	41, 342
Wheat flour.....barrels..	145	789	340	1, 546	11, 607	55, 726
All other breadstuffs		245		660		969
Total		201, 346		25, 458		117, 441

COSTA RICA.

Maize is the chief cereal product of Costa Rica. It grows abundantly in all parts of the Republic and is a staple article of food. Its production in 1884 was 724,439 bushels, and in 1888 the yield of maize throughout the country amounted to 696,556 bushels from a planting of 12,648 bushels, a return of 55 for 1. This crop is principally grown for home consumption, and in good seasons sufficient is harvested for this demand.

The cultivation of wheat is now almost discontinued. It was once quite an important industry, and in 1860 filled the wants of the country. At present it is raised in a few places only and in small quantities, entirely insufficient for the country's requirements. The low price of the flour imported from California and the greater return to be had from coffee-raising have discouraged the growing of wheat, and many sections of the country are not

supposed to be adapted to its cultivation In 1884 the wheat harvest amounted to 4,129 bushels; the returns for the year 1888 were only 791 bushels.

In 1888 a steam flour mill, belonging to a foreign company, situated in San José, was the only one in the State, and in this year about 10,000 bushels of wheat were imported for it. In addition, about 25,000 barrels of flour were brought into the country.

In 1883 only a small quantity of wheat flour was imported, but in 1889, as will be seen below, this importation had grown to considerable proportions.

EXPORTS FROM THE UNITED STATES.

The exports of breadstuffs from the United States to Costa Rica in 1889, 1890, and 1891, were as follows:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
Bread and biscuit....pounds..	73, 347	\$4, 358	89, 578	\$4, 075	71, 405	\$3, 622
Corn.....bushels..	2, 324	1, 384	65, 384	36, 985	5, 045	3, 331
Corn meal.....barrels..	58	173	174	476	80	262
Oats.....bushels..	265	108	20	8	1, 389	761
Oatmeal.....pounds..	1, 480	47	2, 000	97	1, 958	83
Wheat.....bushels..	21, 024	22, 638	21, 000	18, 782	24, 802	27, 850
Wheat flour.....barrels..	32, 254	153, 787	37, 148	167, 051	39, 131	177, 681
All other breadstuffs.....		3, 223		4, 594		7, 618
Total.....		185, 718		231, 968		216, 771

ECUADOR.

The agricultural portion of Ecuador is in the interior, and in the settled parts is cut up into small farms, divisions of the haciendas, owned in large tracts by the wealthy. The soil is generally fertile, and the climatic conditions permit the cultivation of many products. The cultivation of the land is carried on in a primitive way, and the tenants or farmers in the interior are usually of the Indian population.

Wheat, barley, rye, Indian corn, and other cereals are produced and yield abundantly. Wheat, however, is not a staple article of food, the people depending almost entirely upon maize, barley, potatoes, etc. The area devoted to wheat is about 35,000 to 40,000 acres.

No statement of the cereal production of Ecuador seems to have been given out, but it apparently is not entirely sufficient for the country's demand, as, while there are no exports of wheat and flour, the latter is imported in considerable quantities from Chile and also from California. There were in 1886 some six or seven water-power flour mills, with modern machinery, in Ecuador.

The output of the mills in three of the departments of the State in 1886 was 15,784,936 pounds, which, it is estimated, represented about one-half the production of the country.

EXPORTS FROM THE UNITED STATES.

Breadstuffs in quantity and value as follows were exported from the United States to Ecuador in 1889, 1890, and 1891:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit, pounds.....	11, 394	1, 000	17, 535	1, 051	10, 300	567
Wheat flour, barrels.....	13, 936	63, 578	31, 036	130, 573	35, 101	157, 092
All other breadstuffs		1, 691	.....	3, 062	.....	1, 450
Total .....	.....	66, 269	.....	134, 692	.....	159, 109

GUATEMALA.

The soil of Guatemala produces barley, corn, oats, and wheat. Agriculture has developed considerably, nevertheless the production of cereals is as yet insufficient for the needs of the people. Wheat of a superior quality is grown in several departments of the Republic. There exist large tracts of uncultivated land well suited for the culture of this cereal. The quantity of wheat

produced, however, falls far below the home consumption, and the annual importations amount to six to eight million pounds of flour from the north, besides 440,000 pounds of wheat.

Almost all the departments of the country yield large harvests of corn, and in good seasons sufficient is harvested for the local demand.

The annual average agricultural production from official figures is of—

	Pounds.
Barley.....	660,000
Oats.....	660,000
Corn.....	220,460,000
Wheat.....	44,092,000

There are 79 flour mills in the country, several being situated in the department of Chimaltenango, and this industry is fostered by the Government, which in 1888 granted a subsidy of \$8,000 to the mill situated in the department of Santa Rosa, as it had previously to that of Tecpam.

There was included in the fiscal budget of 1889 an item of \$20,000, which was intended to be devoted by the Government to the erection of two flour mills, one in the department of Chiquimula and the other in Jalapa, in both of which departments wheat of a superior quality is produced on a small scale.

In the year 1887 \$1,322,488 worth of flour was consumed in Guatemala, of the weight of 16,444,688 pounds, or 11.8 pounds per inhabitant. Of this amount 7,169,645 pounds were foreign flour, and 9,275,043 pounds the production of the country.

The Guatemalan official statistics give the importations of wheat, flour, and barley for the years 1887 and 1888 as follows :

Articles.	1887.	1888.
	<i>Dollars.</i>	<i>Dollars.</i>
Wheat.....	12, 979. 44	26, 724. 27
Flour.....	118, 937. 75	161, 427. 20
Barley.....	6, 823. 97	7, 854. 20

EXPORTS FROM THE UNITED STATES.

The exports of breadstuffs in 1889, 1890, and 1891, from the United States to Guatemala were:

Articles.	1889.		1890.		1891.	
	Quantity.	Value. <i>Dollars.</i>	Quantity.	Value. <i>Dollars.</i>	Quantity.	Value. <i>Dollars.</i>
Barley, bushels.....	249	116	1,001	460	307	179
Bread and biscuit, pounds....	38,374	3,018	43,054	3,170	76,198	5,184
Corn, bushels	6,732	5,064	4,365	2,647	47,283	136,090
Corn meal, barrels.....	14	46	5	18	66	212
Oats, bushels.....	.....	.....	381	194	406	258
Oatmeal, pounds.....	300	9	.....	.....	.....	.....
Wheat, bushels.....	30,355	26,748	32,300	26,403	33,055	30,802
Wheat flour, barrels.....	43,073	195,172	47,109	202,411	62,528	280,225
All other breadstuffs, etc.....	.....	8,094	.....	8,286	.....	12,625
Total .....	.....	238,267	.....	243,589	.....	465,575

GUIANA (BRITISH).

Indian corn is cultivated to a small extent in British Guiana, and among the exports of this article in 1889, 3,039 bushels were grown in that country. Its chief food product is the manioc, from which the meal is made which furnishes the staple aliment of the Indian population. The country is generally dependent upon foreign importation for its breadstuffs, and in four years—from 1887 to 1890—these articles have been introduced into the country as follows:

Articles.	1887.		1888.		1889.		1890.	
	Quantity.	Value. <i>Dollars.</i>	Quantity.	Value. <i>Dollars.</i>	Quantity.	Value. <i>Dollars.</i>	Quantity.	Value. <i>Dollars.</i>
Bread, etc., pounds.....	845,926	35,781	627,480	29,049	236,614	17,163	355,670	25,427
Corn, bushels,	34,619	20,557	27,549	18,175	33,419	17,537	40,858	24,693
Corn and oatmeal, pou'ds.	1,798,280	30,264	1,433,696	25,911	1,272,872	19,820	1,247,974	20,004
Flour, barrels.	142,210	543,995	147,946	547,501	165,939	666,223	160,465	647,861

The United States is the source of supply of the great bulk of these imports, a small proportion of which are exported subsequently to the other Guianas and the West India Islands.

EXPORTS FROM THE UNITED STATES.

In 1889, 1890, and 1891, breadstuffs as follows were exported from the United States to British Guiana:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Barley.....bushels..	42	73	21	28	.....	.....
Bread and biscuit....pounds..	237, 357	10, 094	99, 409	5, 412	300, 655	14, 802
Corn.....bushels..	29, 564	16, 449	35, 694	18, 238	45, 896	30, 382
Corn meal.....barrels..	5, 649	17, 968	6, 034	16, 722	7, 367	24, 361
Oats.....bushels..	5, 109	2, 193	38, 260	14, 843	11, 000	5, 376
Oatmeal.....pounds..	8, 620	153	.....	.....	.....	.....
Wheat.....bushels..	.....	.....	20	20	.....	.....
Wheat flour.....barrels..	119, 012	540, 132	171, 012	673, 949	147, 002	704, 264
All other breadstuffs, etc.....	.....	7, 179	.....	4, 860	.....	5, 554
Total.....	.....	594, 241	.....	734, 072	.....	784, 739

GUIANA (DUTCH).

As in the other Guianas a maize is grown in Dutch Guiana to some extent and manioc furnishes a staple article of aliment for the inhabitants.

No statistics of the country are at hand to show its productions or imports of breadstuffs, and information as to the condition of agriculture there is difficult to be had.

EXPORTS FROM THE UNITED STATES.

Breadstuffs exported from the United States to Dutch Guiana for 1889, 1890, and 1891, were as set forth in the table annexed:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit....pounds..	52, 006	1, 945	46, 160	1, 614	54, 097	2, 269
Corn.....bushels..	195	113	40	22	470	360
Corn meal.....barrels..	60	199	84	226	149	543
Oats.....bushels..	230	85	560	217	435	268
Wheat flour.....barrels..	11, 212,	55, 666	12, 505	56, 394	13, 803	71, 749
All other breadstuffs.....	.....	115	.....	291	.....	739
Total.....	.....	58, 123	.....	58, 764	.....	75, 928

GUIANA (FRENCH.)

The soil of French Guiana is of very great fertility. The staple article of food is the manioc, and maize is cultivated to some extent but no data are accessible to show the area devoted to their culture or the amount of the yield.

In the year 1888 the colony imported breadstuffs as follows:

Articles.	Quantity.	Value.
		<i>Dollars.</i>
Wheat flour.....pounds..	5, 348, 122	170, 465
Corn.....do....	289, 729	5, 236
Corn meal.....do.....		890
Barley.....do.....		736
Oats.....do....	363, 030	9, 284
Bread and ship biscuit.....do....	94, 411	5, 387

EXPORTS FROM THE UNITED STATES.

In 1889, 1890, and 1891 the United States export of breadstuffs to this colony were:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit....pounds..	7, 098	327	13, 647	893	13, 090	733
Corn.....bushels..	1, 631	982	3, 114	1, 761	3, 181	2, 310
Corn meal.....barrels..	14	46	12	38	121	385
Oats.....bushels..	688	315	791	337	828	536
Oatmeal.....pounds..	360	14				
Wheat flour.....barrels..	5, 181	25, 240	4, 704	22, 148	4, 302	21, 296
All other breadstuffs, etc.....		1, 015		5, 005		3, 806
Total.....		27, 939		30, 182		29, 066

HAITI,

The soil of Haiti is of exceeding fertility. Agriculture, however, is in a very rudimentary stage. Maize is easily raised, and

three crops of this cereal can be grown in a year. No statement of its commerce in breadstuffs or their production is obtainable.

EXPORTS FROM THE UNITED STATES.

The United States in 1889, 1890, and 1891 furnished Haiti with breadstuffs as in the following table:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit...pounds..	416, 667	24, 298	476, 313	29, 551	467, 630	28, 562
Corn bushels..	1, 933	1, 036	8, 441	4, 276	7, 290	4, 708
Corn meal.....barrels..	103	302	129	346	220	801
Oats.....bushels..	3, 726	1, 599	7, 617	2, 988	9, 984	5, 396
Rye flour.....barrels..	2	8				
Wheat flour.....do....	154, 636	787, 919	167, 740	777, 974	224, 938	1, 180, 871
All other breadstuffs		3, 732		5, 096		3, 333
Total		818, 894		820, 231		1, 223, 671

HONDURAS (BRITISH).

In British Honduras maize seems to be the only cereal cultivated to any extent. It is the staple food of the Spanish population and the Indians, and the area of land devoted to its cultivation, 7,000 acres in 1889, is greater than that occupied by any other product. Notwithstanding the rude manner of agriculture still prevailing in this country, the average yield is almost 56 bushels to the acre. Incomplete official returns, which are not accurate, however, give the harvest of 1889 at 100,451 bushels. The whole production is consumed in the colony, there at present being no export of this article. In 1889 there were imported 13,739 barrels of wheat flour, 13,736 of United States origin, of the value of \$87,414; bread, etc., \$5,942, and Indian corn \$2,328.

EXPORTS FROM THE UNITED STATES.

The exports from the United States to this colony in 1889, 1890, and 1891 were as below:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit . . . pounds . .	78, 802	3, 715	57, 578	2, 819	151, 371	7, 679
Corn bushels . .	2, 578	1, 467	3, 054	1, 530	2, 315	1, 306
Corn meal barrels . .	352	1, 103	233	710	89	340
Oats bushels . .	256	120	257	100	268	133
Wheat do . .	2	2				
Wheat flour barrels . .	13, 465	66, 226	10, 988	48, 929	15, 625	76, 620
All other breadstuffs		1, 737		1, 976		3, 003
Total		74, 370		56, 064		89, 090

HONDURAS.

The soil of Honduras is fertile, and the lands in the valleys and along the rivers very rich. The system of agriculture is yet in its infancy, and primitive methods are employed in cultivation. Although almost all the agricultural products of the United States can be grown among the cereals, corn only is cultivated to any extent, and almost to the exclusion of the others except rice. From the little care taken in its cultivation the corn ear is generally small and imperfect. Corn as an article of food is utilized in the making of "tortillas," and but little corn meal is used.

No statistics of the country are collected to indicate the yield or value of the farm products.

The imports of breadstuffs into the Republic in the years 1887-'88 were: oats, 1,356 pounds; flour, 2,396,149 pounds, and corn 103,764 pounds.

In 1888-'89, flour, valued at \$62,289, weighing 2,348,206 pounds, and 99,805 pounds of corn, valued at \$1,617, were imported.

EXPORTS FROM THE UNITED STATES.

In 1889, 1890, and 1891 the United States exported to Honduras breadstuffs as indicated in the following table :

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Barley bushels..	4	2	4	2	.....	.....
Bread and biscuit...pounds..	47, 556	2, 517	24, 272	1, 500	38, 816	2, 100
Corn.....bushels..	2, 294	1, 376	3, 140	1, 483	4, 454	3, 148
Corn meal.....barrels..	135	376	105	285	23	73
Oats.....bushels..	45	21	615	215	281	155
Oatmeal.....pounds..	1,369	43	.....	.....	.....	.....
Rye flour.....barrels..	6	35	.....	.....	.....	.....
Wheat flour.....do....	13, 368	66, 032	12, 130	56, 263	18, 822	89, 488
All other breadstuffs, etc.....	.....	2, 369	.....	1, 282	.....	1, 317
Total .....	.....	72, 771	.....	61, 030	.....	96, 281

MEXICO.

Mexico is making great strides in the production of cereals. With a large area adapted to their cultivation, the progress in railway transportation and a partial advancement in agricultural methods, have given impetus to this industry. The cultivation of the soil, however, is still largely carried on in a very primitive way, and the improvement in this respect is not great, considering the facilities for obtaining modern implements.

Indian corn or maize is the staple grain of the country, and is produced in large quantities in nearly every State of the Republic. It serves equally for the nourishment of men and animals, and is generally used by Mexicans, as a bread, in the form of a cake called the "*tortilla*." The necessities of the people alone limit its production, the exports being inconsiderable. During a period of twelve years, from 1877 to 1888, the total value of maize exported was only \$255,000, an average of about \$21,250 per annum.

THE PRODUCTION OF WHEAT.

The production of wheat, which can only be successfully grown in the colder and in some parts of the temperate regions, is much less than that of maize. Although it is raised in smaller or greater quantities in all the States with a few exceptions, the superior qualities equal to the best European or American wheat, are only grown on the tablelands several thousand feet above the sea. An area of over 52,000 square miles, situated in the States of Michoacan, Jalisco, Guanajuato, Aguas Calientes, San Luis Potosi and Queretaro, is best adapted for the growth of the cereals. The possibilities of the wheat production are such that it could be made one of the leading exports by the application of the advanced systems of cultivation and modern implements.

A moderate estimate places the possible production of the area mentioned, cultivated to its fullest capacity, at 110,000,000 bushels of wheat and 440,000,000 bushels of corn per year, all of which could be made available for export, the balance of the land adapted for the purpose being sufficient to meet the demands of the home market.

To encourage the cultivation and export of wheat, the State of Sonora, in 1888, offered a premium of \$1 per ton for all wheat exported. The experiment was tried with good results, and during a period of six months over 1,000 tons were shipped to Europe.

A low estimate places the yield of wheat per acre at about 20 bushels on the average, and the corn return at about 50 bushels on the irrigated and 30 on the dry soils.

As shown by official statistics the total yield of the following cereals during the year 1888 in the Republic was:

	<i>Bushels.</i>
Barley.....	5, 930, 716
Wheat.....	11, 396, 195
Maize	131, 478, 425

EXPORTS FROM THE UNITED STATES.

United States statistics give the export of corn and of wheat flour to Mexico for five years as follows:

Year.	Corn.	Wheat flour.
	<i>Bushels.</i>	<i>Barrels.</i>
1886	1, 263, 953	18, 780
1887	894, 496	23, 218
1888	216, 468	24, 252
1889	434, 997	32, 114
1890	961, 458	31, 101
1891	615, 332	37, 584

In 1889, 1890, and 1891, the breadstuff exports from the United States to Mexico were:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Barley.....bushels..	6, 880	3, 487	3, 164	1, 428	402	276
Bread and biscuits...pounds..	557, 657	49, 110	769, 337	53, 245	846, 025	52, 623
Corn.....bushels..	434, 997	194, 778	961, 458	481, 052	615, 332	389, 619
Corn meal.....barrels..	799	2, 447	1, 202	3, 301	2, 256	8, 190
Oats.....bushels..	6, 582	2, 762	19, 335	8, 065	14, 397	6, 481
Oat meal.....pounds..	10, 828	464	17, 642	704	13, 812	721
Rye.....bushels..	37	36				
Rye flour.....barrels..	70	245	93	378	334	1, 376
Wheat.....bushels..	2, 280	2, 428	2, 327	2, 279	7, 509	9, 507
Wheat flour.....barrels..	32, 114	183, 318	31, 101	164, 490	37, 584	203, 792
All other breadstuffs.....		27, 007		33, 876		56, 051
Total		466, 082		748, 818		728, 636

NICARAGUA.

In Nicaragua the natural resources are very great. Only a relatively small part of the land has been brought under cultivation, but it is ample to supply the sparsely populated country. As the forests are easily cleared the cultivated area could be increased immensely and the soil found to be of great fertility.

Maize grows luxuriantly and two or three crops may be raised

on the same ground annually. It is, as in the rest of Central America, one of the chief articles of food of the people.

In the northern part of the Republic, on the elevated regions of the district of Segovia, near the borders of Honduras, wheat and all other cereals can be grown.

It is almost impossible to obtain information as to the agricultural products of this Republic, but the yield of cereals is very limited.

EXPORTS FROM THE UNITED STATES.

The tabular statement below gives the exports from the United States to Nicaragua for the years 1889, 1890, and 1891 :

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Barley.....bushels..	3	7				
Bread and biscuit....pounds..	154,036	8,803	208,785	11,372	210,927	11,630
Corn.....bushels..	4,609	2,702	4,369	2,203	9,124	6,721
Corn meal.....barrels..	44	130	46	140	129	376
Oats.....bushels..	208	95	51	21	352	210
Oatmeal.....pounds..	630	32	455	24	536	26
Rye flour.....barrels..			2	6		
Wheat flour.....do....	24,150	119,919	24,841	115,154	32,507	153,244
All other breadstuffs, etc.....		4,842		4,303		7,669
Total.....		136,530		133,223		179,876

PARAGUAY.

With favorable physical conditions and climate the products of the tropical and temperate zones flourish in Paraguay.

The cereals are cultivated almost entirely for the consumption of the country. Among the products of the soil are maize, mandioca, and barley, and in 1886 the sowing was 3,233,708 rows of maize, 2,279,634 of mandioca, and 5,618 of barley. Maize grows easily and produces abundantly, and two harvests of it could be raised annually; it is not generally done, as this people only raise sufficient for their use. The easy culture and the good results obtained seem to have influenced the cultivation of this cereal. In 1863, with a population of 800,000, there were only 14,607

acres cultivated, and in 1886, with 378,000 people, the area sown was 29,965 acres.

Manioc, growing all the year round, is used for making bread by most of the people. The area devoted to its cultivation, however, is decreasing. In 1863 it was 51,579 acres; in 1886 it was only 21,150 acres. The acreage of corn, wheat, and barley in the Republic in 1882 was, according to a report of a United States consul, 210,000 acres, and of mandioca, 125,700; but these figures do not seem to agree with other statements, official and otherwise.

The raising of wheat would be a new source of wealth for this country. Experiments made in the time of Lopez clearly showed the profitable results of its cultivation, and it is stated that at one time wheat was exported from Paraguay to Buenos Ayres.

By reason of the bad system of agriculture and the deterioration of the seed, wheat-growing has now almost ceased. It has for some years been imported, and several flour mills have been established at Asuncion with good results. In 1886 the importation of wheat was 4,667,623 pounds, and in 1887, 4,185,585 pounds. The receipts of foreign flour have decreased considerably. In 1886 only 383,990 pounds were imported. The good quality of the Paraguayan flour has even procured custom outside of the Republic, and in 1887 there was exported through the custom-house at Asuncion 169,754 pounds of flour for Matto Grosso.

In 1888 the amount of flour manufactured was 5,229,358 pounds.

The imports of wheat and wheat flour through the Asuncion custom-house were as follows for five years :

Articles.	1883.	1884.	1885.	1886.	1887.
	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>	<i>Pounds.</i>
Wheat.....	877	64	.....	4, 667, 623	4, 185, 585
Wheat flour.....	2, 176, 928	2, 047, 456	1, 908, 418	383, 990	1, 338, 862

None of these imports into Paraguay are of United States origin.

PERU.

Peru is divided longitudinally into four well-marked regions. Along the coast the country is a desert, crossed by rivers and extremely fertile valleys. The Puña consists of the bleak and barren table-lands of the greatest height. In the Sierra, or high table-lands, between the two ranges of mountains, is the section where barley and other European grains and products can be grown. In the Montaña, on the slopes and base of the eastern range of mountains, is the region of tropical forests. Along the coast rain never falls. All agricultural operations in that section are carried on by a wonderful and complete system of irrigation.

Maize is of all grains most generally and successfully cultivated; fields of it can be seen in all parts of Peru at any season of the year and in every stage of growth. There are several varieties of good quality. That grown in Cuzco is unsurpassed anywhere. It is the staple food of all classes and forms the bread of the natives in the country districts. Sufficient is produced for the consumption of the country, and considerable is required for this purpose.

Wheat, introduced into Peru by a lady (Maria de Escobar), was once grown quite extensively in the valleys along the coast and in the interior. The wheat products of Chile and the United States, by reason of their small cost, have caused the disappearance of this industry near the coast. Railway communication with the interior, where wheat is still grown, may enable the Peruvian article to compete with the imported in the future. Barley and oats are only raised in small quantities and in the mountainous regions.

In 1888 the importation of wheat into Peru was 845,305 bushels, from the following sources: Chile, 526,950 bushels; United States, 307,243 bushels; Australia, 7,446 bushels; and Spain, 3,666 bushels. And the quantity imported in 1889 was 687,745 bushels.

There are flour mills in Lima, and a considerable quantity of flour is imported.

EXPORTS FROM THE UNITED STATES.

Breadstuff exports from the United States to Peru were, in 1889, 1890, and 1891, as in the following table :

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit . . . pounds..	8, 770	720	8, 086	598	26, 889	2, 028
Wheat bushels..			92, 039	77, 225	63, 956	58, 801
Wheat flour barrels..	130	652	120	658	1, 507	8, 649
All other breadstuffs		416		245		628
Total		1, 788		78, 726		70, 106

SALVADOR.

In Salvador maize and wheat are grown in many districts, and the production of the former is sufficient to meet the requirements of the people. Wheat flour is obtained almost entirely from the United States. The total imports in 1890 were of the value of \$169,296 and in 1889 \$153,218. No statement of the local production can be had.

EXPORTS FROM THE UNITED STATES.

The United States, in the fiscal years 1889, 1890, and 1891, furnished breadstuffs to Salvador as in the following table :

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Barley bushels..	43	19	41	17		
Bread and biscuit . . . pounds..	4, 597	358	5, 524	390	6, 290	373
Corn bushels..	268	173	1, 742	1, 172	18, 595	20, 696
Wheat do..	1, 668	1, 379	2, 915	2, 400	89	83
Wheat flour barrels..	37, 294	169, 359	47, 875	208, 312	59, 784	273, 162
All other breadstuffs		2, 394		3, 738		3, 919
Total		173, 682		216, 029		298, 233

SANTO DOMINGO.

In Santo Domingo the land is generally rich and productive, except in a limited region, where rain is deficient. Though situated in the tropics, the character of the soil, the distance of certain portions above the sea level, and the differences of exposure cause particular districts to be adapted to different classes of agricultural products. Upon the mountains many of the growths of the temperate zone can be successfully produced. Indian corn is easily cultivated, and, as in most of these tropical regions, three plantings can be made in one year, the summer crop being of the best quality. Wheat in a limited quantity has been grown in one of the valleys several thousand feet above the sea.

No statistics of the commerce or agricultural production of the country are to be had.

EXPORTS FROM THE UNITED STATES.

The United States in 1889, 1890, and 1891 exported breadstuffs to this Republic as follows :

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit.....pounds..	68,430	4,386	73,071	4,136	71,415	3,979
Corn.....bushels..	533	318	62	29	105	64
Corn meal.....barrels..	273	943	581	1,661	612	2,088
Oats.....bushels..	1,240	496	1,572	559	1,455	754
Rye flour.....barrels..			10	30	7	33
Wheat flour.....do....	37,646	202,678	31,675	149,260	38,341	206,239
All other breadstuffs.....		3,361		7,306		8,844
Total.....		212,182		162,981		222,001

URUGUAY.

Uruguay has hitherto been essentially a pastoral country. The scarcity of labor, the existing land tenures in large holdings, and the means of communication are such as to retard agricultural

development. Whatever improvement has taken place is due to immigration. The soil is well suited for agriculture. Wheat and maize are the principal products of the ground. Barley is grown to some extent, but the raising of oats is not a success. The lands are very rich, and require little cultivation or fertilization. Agriculture is generally carried on only in the neighborhood of the railways, and the system of farming is primitive. That notwithstanding all obstacles this industry has advanced, is indicated by the fact that the exports of wheat, wheat flour, and maize have more than doubled since 1885. An estimate of the wheat area in 1889 is 500,000 acres, but no official data of this kind seems to be collected, nor is the production indicated otherwise than by the foreign trade in these articles.

In 1889 the estimated area of wheat and maize was 403,000 hectares, or 1,007,500 acres, half devoted to each crop. The estimated crop in 1889 was only 70,000 bushels, excessive rain having caused the decrease in the yield.

The commerce in breadstuffs is shown in the subjoined tables for the three years, 1887 to 1889; the great increase in the imports and decrease in the exports of the latter year were caused by an almost total failure of the crops.

Imports.

Articles.	1887.	1888.	1889.
	Value.	Value.	Value.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Oats			1, 510
Barley			6, 105
Farina	126, 218	71, 484	84, 196
Rye flour	278	508	1, 722
Wheat flour	632	79	311, 911
Maize	361	52	20, 168
Wheat	8	9	2, 294, 716

Exports.

Articles.	1887.	1888.	1889.
	Value.	Value.	Value.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Oats	13	8	28
Barley	495	162	607
Wheat flour.....	489, 813	883, 392	46, 543
Corn meal.....		60	.....
Maize.....	20, 517	211, 930	81, 380
Wheat.....	120, 247	415, 570	95, 934

COMMERCE IN WHEAT AND FLOUR.

The importation and exportation of wheat and wheat flour for ten years are indicated in the table below:

Imports.

Years.	Wheat, value.	Flour, value.
	<i>Dollars.</i>	<i>Dollars.</i>
1880.....	314, 659	12, 775
1881.....	6, 976	1, 407
1882.....	544, 306	74, 624
1883.....	69, 762	2, 524
1884.....	19, 159	5, 465
1885.....	820	1, 792
1886.....	63, 881	2, 147
1887.....	8	632
1888.....	9	79
1889.....	2, 294, 716	311, 911

Exports.

1880.....	97, 091	72, 836
1881.....	116, 350	121, 712
1882.....	7, 489	53, 139
1883.....	3, 019	129, 373
1884.....	3, 187	65, 606
1885.....	82, 418	345, 796
1886.....	123, 583	670, 514
1887.....	120, 247	489, 813
1888.....	415, 570	883, 392
1889.....	95, 934	46, 543

DESTINATION OF EXPORTS.

In the tables annexed is found the destination of the exports of wheat and flour from Uruguay for five years, 1885 to 1889:

WHEAT.

Whither exported.	1885.	1886.	1887.	1888.	1889.
	Value.	Value.	Value.	Value.	Value.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Argentine Republic.....	11, 332	7, 912	.....	.....	.....
Belgium.....	.....	3, 854	938	.....	.....
Brazil.....	6, 302	20, 359	50, 762	372, 267	5, 620
Cape of Good Hope.....	36	11, 604	.....	.....	.....
England.....	.....	37, 344	7, 078	77	.....
France.....	32, 069	4, 615	10, 853	.....	.....
Italy.....	14, 629	20, 470	44, 693	39, 050	.....
Spain.....	17, 424	13, 319	.....	4, 176	.....
Other ports.....	626	4, 106	5, 923	.....	90, 314

FLOUR.

Argentine Republic....	4, 282	216	190	.....	.....
Belgium.....	.....	386	.....	258	.....
Brazil.....	337, 364	663, 271	487, 762	869, 708	33, 570
Chile.....	258	31	.....	.....	.....
Cuba.....	.....	123	.....	.....	.....
France.....	51	618	.....	.....	.....
Italy.....	1, 613	1, 139	1, 340	13, 426	.....
Spain.....	.....	1, 242	.....	.....	.....
Other ports.....	2, 228	3, 488	521	.....	12, 973

SOURCE OF FOREIGN SUPPLY.

Prior to 1889 wheat was imported into Uruguay in limited quantities, principally from Chile and the Argentine, and flour from Brazil and the Argentine, but in 1889 in consequence of the failure of the crops the importations of these products increased enormously and were from the following countries:

Wheat importation, 1889.

Country.	Quantity.	Value.
	<i>Pounds.</i>	<i>Dollars.</i>
United States.....	30, 112, 640	850, 664
Chile.....	22, 023, 491	639, 118
Argentine.....	11, 782, 229	337, 711
Russia.....	7, 118, 624	206, 655
Italy.....	6, 352, 169	134, 187
England.....	4, 351, 113	126, 314
Germany.....	2, 377	67
* Total.....	81, 742, 643	2, 294, 716

Wheat-flour importation, 1889.

Country.	Quantity.	Value.
	<i>Pounds.</i>	<i>Dollars.</i>
Argentine.....	2, 825, 662	105, 434
United States.....	2, 785, 120	107, 424
Brazil.....	1, 268, 944	45, 602
Chile.....	711, 164	28, 205
England.....	185, 314	7, 907
Spain.....	39, 682	1, 878
Other ports.....	383, 523	15, 461
Total.....	8, 199, 409	311, 911

EXPORTS FROM THE UNITED STATES.

The United States, in its fiscal years 1889, 1890, and 1891, exported the following breadstuffs to Uruguay:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit...pounds..	5, 645	495	2, 266	173	(a)	(a)
Wheat bushels..	168, 259	162, 941	721, 636	647, 587	(a)	(a)
Wheat flour.....barrels..	22, 119	114, 559.	10, 809	54, 147	(a)	(a)
All other breadstuffs, etc.....		5, 263		3, 556		2, 368
Total.....		283, 258		705, 463		2, 368

a No statistics.

VENEZUELA.

In Venezuela there abound luxuriant tracts of land admirably fitted for the cultivation of corn. This cereal grows abundantly. There is scarcely a state where it can not be raised, and with attention the yield is generally good and sufficient to partially supply the home market.

There is much excellent wheat land in the country, and the yield is fair. In Los Andes, a State near Colombia, wheat is grown with success and a flour of dark color and of a good quality is made from it for home consumption.

The total grain production, however, is not very large. The lack of dependence to be placed upon labor, the possibilities of existence upon products needing no cultivation, and the climate, are conditions which retard agricultural advancement in this direction.

Flour mills with American machinery have been introduced into Venezuela, and practical millers have in some instances been brought from the United States to operate them.

The importations of flour come almost exclusively from the United States and are very great.

EXPORTS FROM THE UNITED STATES.

The breadstuffs exported from the United States to Venezuela in 1889, 1890, and 1891 are shown below:

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit . pounds.	400, 369	30, 613	557, 964	45, 370	587, 168	54, 256
Corn..... bushels.	232, 647	118, 724	240, 498	129, 132	169, 734	140, 985
Corn meal.....barrels.	187	564	257	699	307	906
Oats.....bushels.	2, 305	923	3, 366	1, 240	5, 648	3, 040
Rye flour.....barrels.	3	10	10	40	.....	.....
Wheat.....bushels.	4, 848	5, 205	1, 799	1, 993	12, 095	14, 631
Wheat flour..... barrels.	155, 857	791, 007	173, 759	807, 642	194, 015	1, 066, 605
All other breadstuffs.....	.....	42, 543	.....	41, 112	.....	43, 350
Total.....	.....	989, 589	.....	1, 027, 228	.....	1, 323, 773

WEST INDIES (BRITISH).

The British West Indies are almost entirely dependent upon foreign countries for their supply of cereals. Corn is grown in some of the islands in small quantities, but by no means sufficient for their needs.

In Montserrat, Indian corn is one of the principal products.

On the Island of Jamaica, a number of years since, an attempt was made to raise oats, barley, and wheat on the highlands,

without much success. The corn acreage of this island was 822 acres in 1888 and 754 acres in 1889.

In the Bahamas, corn, supplying in part the home demand, is grown. The sterility of the soil and the lack of agricultural enterprise exhibited by the inhabitants will preclude ordinary farming from becoming a profitable industry in the islands of this group.

The cassava (manioc) is raised on almost all these islands, and its root is generally used in the preparation of a sort of bread.

BARBADOS.

The Barbados imported, in 1889, 334,644 bushels of corn and grain, value \$278,636; of corn meal, 47,172 barrels, value \$172,172, and 75,017 barrels of wheat and rye flour, value \$456,341. Among its exports were 31,054 barrels of wheat flour, value \$188,903.

JAMAICA.

The imports of breadstuffs into Jamaica were, in 1889:

	<i>Dollars.</i>
Bread and biscuit.....	63, 775
Corn meal	77, 071
Wheat flour	786, 071
Corn	79, 265
Wheat	1, 766
Oats.....	4, 220
Oatmeal	1, 578
Farinaceous substances.....	10, 952

These imports were almost entirely from the United States.

THE BAHAMAS.

The Bahamas, in 1890, received from the United States 48,000 barrels of flour, against 37,000 in 1889, the increase being due to a partial failure of the corn and other crops of the island.

TRINIDAD.

The amount of cereals imported into Trinidad in 1889 is given below. A small proportion of these imports were reshipped to the other British colonies and to Venezuela.

Imports, 1889.

Origin.	Quantity.	Value.
		<i>Dollars.</i>
Corn, all kinds, including oats:		
United States.....bushels..	79, 327	
All other countries.....do....	116, 914	
Total.....	196, 241	134, 778
Bread, all kinds:		
United States.....barrels..	21, 175	
All other countries.....do....	4, 146	
Total.....	25, 321	83, 193
Flour:		
United States.....do....	112, 743	
All other countries.....do....	4, 392	
Total.....	117, 135	571, 035
Meal or flour not wheaten:		
United States.....do....	7, 082	
All other countries.....do....	454	
Total.....	7, 536	26, 844
Farinaceous substances.....		13, 397

Of these imports Trinidad exported, in 1889, 5,082 barrels of flour, 554 barrels of bread, and 27,834 bushels of corn; but of the latter 126 bushels were the product of the island.

TOBAGO.

The imports into Tobago in 1889 were: Bread, 440 barrels, \$1,325; corn, 1,260 bushels, \$971; flour, 3,226½ barrels, \$17,081, and meal, 368 barrels, \$1,389, a fair portion of which were received directly from the United States.

EXPORTS FROM THE UNITED STATES TO THE BRITISH WEST INDIES.

The following table shows the breadstuff exports from the United States to the British West Indies in 1889, 1890 and 1891 :

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit...lbs..	6, 200, 880	297, 480	6, 470, 844	298, 274	6, 864, 159	344, 704
Corn.....bushels..	336, 734	188, 879	428, 636	213, 896	507, 852	330, 683
Corn meal.....barrels..	97, 313	300, 833	91, 584	245, 830	116, 583	387, 168
Oats.....bushels..	130, 848	54, 526	253, 210	100, 335	191, 430	103, 350
Oatmeal.....pounds..	280, 958	5, 796	54, 850	1, 264	7, 843	221
Rye flour.....barrels..	100	362	15	44	77	360
Wheat.....bushels..	610	709	1, 000	997	152, 797	125, 954
Wheat flour....barrels..	444, 317	2, 083, 433	456, 438	1, 945, 265	523, 216	496, 241
All other breadstuffs.....		69, 141		65, 195		98, 494
Total.....		3, 001, 159		2, 871, 700		3, 887, 175

WEST INDIES (DUTCH.)

Maize, in the Dutch West Indies, is one of the principal products. In seasons when the usual rains occur the island of Curaçao produces sufficient, with other crops, for the sustenance of most of the people. Its imported food supplies are principally drawn from the United States.

EXPORTS FROM THE UNITED STATES.

The exports, in 1889, 1890 and 1891, of the articles stated from the United States to the Dutch West Indies are shown in the subjoined table.

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit....pounds..	437, 946	21, 931	460, 508	18, 725	472, 603	21, 582
Corn.....bushels..	64, 790	36, 303	77, 110	40, 335	32, 246	25, 674
Corn meal.....barrels..	19, 925	63, 693	18, 555	50, 038	13, 544	45, 923
Oats.....bushels..	682	270	383	137	836	466
Oatmeal.....pounds..	536	13				
Rye flour.....barrels..	187	687	280	953	95	406
Wheat.....bushels..	25	32			20	25
Wheat flour.....barrels..	27, 426	136, 529	21, 529	99, 212		111, 173
All other breadstuffs.....		3, 256		2, 437		2, 566
Total.....		262, 714		211, 837		207, 815

WEST INDIES (FRENCH).

In Guadeloupe and dependencies of the French West Indies, manioc after sugar cane is the product most generally cultivated. A preparation of the flour of manioc (cassava) to a great extent takes the place of wheat bread, and is used by all classes. The area devoted to the cultivation of manioc in Guadeloupe in 1888, was 12,854 acres, and 19,020 acres were planted in other food substances. The harvest of the year included 37,794,337 pounds of manioc, and 320,905 of maize.

In Martinique, 42,369 acres were under cultivation for the production of articles of food in 1887, but the statistics do not show the area or yield of the several kinds of products cultivated.

The imports of breadstuffs into the French West Indies in 1888 were as follows:

Articles.	Guadeloupe.	Martinique.
	<i>Dollars.</i>	<i>Dollars.</i>
Corn	22,487	32,052
Corn meal	1,748	976
Oats	71,153	20,922
Ship biscuit, etc.	56,278	21,612
Wheat .....	.....	21,776
Wheat flour	363,725	454,974

EXPORTS FROM THE UNITED STATES.

In 1889, 1890, and 1891 the supply of breadstuffs exported by the United States to these islands was—

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit, pounds.	1,257,024	48,423	1,118,763	48,172	1,059,314	53,228
Corn..... bushels.	63,668	35,712	65,328	33,551	64,931	43,515
Corn meal..... barrels.	881	2,649	1,576	4,058	1,706	5,451
Oats..... bushels.	4,198	1,847	20,925	8,197	2,770	1,114
Rye flour..... barrels.	40	138	20	64	50	213
Wheat..... bushels.	22,981	21,752	32,868	31,887	9,978	11,366
Wheat flour..... barrels.	107,070	536,012	110,313	495,421	111,549	556,807
All other breadstuffs.....	.....	1,296	.....	873	.....	52,422
Total.....		647,829		622,223		673,823

WEST INDIES (SPANISH).

In the Spanish West Indies maize grows abundantly. The usual three crops annually are produced.

Puerto Rico, in the elevated portion, is adapted to the cultivation of several of the European grains and is the only one of the Antilles whose products almost suffice for the alimentation of its inhabitants. No agricultural statistics of these islands appear to be collected and data of their commerce are not accessible.

In the Spanish revenue law of the 6th of May, 1882, there was a provision for the gradual reduction of duties on Spanish imports until July 1, 1891, after which date all articles imported directly from Spain or of Spanish origin were to enter Cuba free of duty. This law was advanced one year July 1, 1890, as to flour imported from Spain, which has since that date been imported into Cuba free of duty.

EXPORTS FROM THE UNITED STATES.

In 1889, 1890, and 1891 the quantity and value of the United States exports of breadstuffs to the Spanish West Indies were—

Cuba.

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit. pounds..	341, 014	23, 557	362, 820	24, 195	361, 853	17, 930
Corn.....bushels..	145, 525	81, 180	594, 542	258, 775	.....	225, 187
Corn meal.....barrels..	3, 544	11, 245	6, 398	19, 116	856	2, 909
Oats.....bushels..	21, 751	7, 813	52, 229	17, 198	21, 837	10, 598
Rye.....bushels..	.....	.....	16	11	16	13
Rye flour.....barrels..	737	2, 630	1, 315	5, 030	915	3, 785
Wheat.....bushels..	30	35	1, 234	1, 246	20	23
Wheat flour.....barrels..	243, 153	1, 190, 494	255, 820	1, 164, 538	114, 447	591, 886
All other breadstuffs.....	.....	19, 093	.....	30, 508	.....	27, 648
Total .....	.....	1, 336, 047	.....	1, 520, 617	.....	874, 979

Puerto Rico.

Articles.	1889.		1890.		1891.	
	Quantity.	Value.	Quantity.	Value.	Quantity.	Value.
		<i>Dollars.</i>		<i>Dollars.</i>		<i>Dollars.</i>
Bread and biscuit. pounds..	287, 307	17, 766	427, 032	23, 832	509, 922	27, 806
Corn.....bushels..	3, 135	1, 523	12, 966	6, 523	9, 375	5, 380
Corn meal.....barrels..	1, 369	4, 196	9, 068	23, 928	8, 197	26, 099
Oats.....bushels..	1, 084	408	3, 880	1, 490	3, 462	1, 912
Rye flour.....barrels..	3	10	.....	.....	.....	.....
Wheat flour.....barrels..	129, 946	638, 210	151, 996	699, 516	127, 983	668, 828
All other breadstuffs.....	.....	11, 669	.....	16, 468	.....	18, 850
Total.....	.....	673, 782	.....	771, 757	.....	748, 875

Freight Rates to Latin America.

The freight rates from the ports of the United States to the ports of Latin America are approximately as follows:

FROM NEW YORK TO BRAZIL AND THE ARGENTINE REPUBLIC.

United States and Brazilian Mail Steamship Company.

[Subject to change without notice.]

Articles.	From New York, Baltimore, or Richmond to—		
	Pará.	Rio de Janeiro.	Montevideo or Buenos Ayres.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Bran (in bags, 100 pounds each).....per bag..	0. 75	1. 00	1. 40
Flour.....per barrel (196 pounds)...	0. 90	1. 10	1. 60

FROM NEW YORK TO MEXICO AND CENTRAL AMERICA.

Pacific Mail Steamship Company.

Articles.	How charged.	Central American ports.		Mexican ports.
		Punta Arenas, San Juan, Cerrito.	Amapala, La Unión, La Libertad, Acaputla, San José de Guatemala, Champerico Acós.	San Benito. Toralá, Salina Cruz, Port Angel, Acapulco. Manzanillo, San Blas, Mazatlan.
		<i>Cents.</i>	<i>Cents.</i>	<i>Cents.</i>
Crackers, flour, maizena, meal, ship bread	Cubic foot	50	55	60

FROM NEW YORK TO PANAMA.

	<i>Dollars.</i>
Flour.....barrel..	2. 50
Flour.....half barrel..	1. 40
Flour.....quarter barrel..	. 80
Flour in bags.....pound..	.01
Ship bread, crackers, etc.....cubic foot..	. 40

RULES AND CONDITION OF SHIPMENT.

All freight must be prepaid and is payable in the United States gold. No bill of lading signed for less than \$5 (to Panama \$4.) Goods taken as above by weight or measurement at carriers' option. Freight charged on gross weight or measurement. Special rates for car-load lots (20,000 pounds or 500 cubic feet) of any one article of consignment.

All packages of unusual bulk will be taken only by special contract. All perishable property only at owner's risk of frost, heat, and decay, and all goods in improper or insufficient packages only at owner's risk of chafing, wet, and waste. All baled goods will be carried only at owner's risk of chafing.

Shippers are required to send receipts in duplicate, giving contents, one of which will be signed, the other retained and must accompany the bill of lading when presented for signature. Bills of lading signed only upon company's forms furnished at the office. No other forms recognized. Bills of lading will not be signed until duly stamped by the Colombian consul at New York.

Shippers of goods must comply with all consular regulations for manifests, invoices, certificates, etc., and any fine imposed by authorities at port of destination or damage resulting from failure in this respect, or for errors or omissions therein, shall be at risk and expense of the consignees of the goods, and shall be paid by them.

Freight received at pier foot of Canal street, North River, until 5 P. M. day previous to steamer's sailing, unless steamer be sooner full. The company reserves the right to alter the tariff at their option without further notice.

FROM NEW ORLEANS TO COSTA RICA.

Costa Rica Line, 140 Gravier street, New Orleans, La.

Freight rates are charged upon a basis of \$8 per ton or 20 cents per cubic foot.

FROM TAMPA TO CUBA.

By Plant Investment Company.

Between Port Tampa and Havana freight rates 20 cents per 100 pounds on grain, etc., with 36 cents per barrel on flour.

FROM TAMPA TO JAMAICA.

By Plant Investment Company.

Between Port Tampa and Jamaica freight rates 45 cents per 100 pounds on grain and \$1 per barrel on flour.

Duties on Breadstuffs.

ARGENTINE REPUBLIC.

Ad valorem duties.

	Duty in Argentine money and weights.			Equivalents in United States currency and weights.		
	Unit.	Value.	Duty.	Unit.	Value.	Duty.
		<i>Pesos.</i>	<i>Per cent.</i>		<i>Dollars.</i>	<i>Per cent.</i>
Oats, including the bag.....	kilos.	0.06	25	pound.	0.026	25
Barley, decorticated, including the wrapping.....	..do ...	.10	25	..do ...	.043	25
Barley, with the husks, including the bag.....	..do ...	.03	25	..do ...	.013	25
Rye in the grain, including the bag.....	..do ...	.06	25	..do ...	.026	25
Crackers, ordinary, including the bag.....	..do ...	.09	25	..do ...	.039	25
Flour or meal of all comestible material (other than wheat or maize) in packages or tons, including the covering.....	..do ...	.24	25	..do ...	.105	25
The same, loose, in boxes or bags, including the covering.....	..do ...	.18	25	..do ...	.078	25

Specific duties.

			<i>Pesos.</i>			<i>Dollars.</i>
Crackers, fine, sweet or small, and other mixtures of flour ..	kilos.		0.15	per lb.		.065
Flour or meal of wheat or maize ..	..do ...		.05	..do ...		.021
Maize, shelled	..do ...		.05	..do ...		.021

Free list.

Maize, in the ear	Free
Wheat	do..

BREADSTUFFS IN LATIN AMERICA.

BOLIVIA.

Articles.	Duty in Bolivian money and weights.			Equivalents in United States currency and weights.		
	Unit.	Value.	Duty.	Unit.	Value.	Duty.
		<i>Bolivianos</i>	<i>Per cent.</i>		<i>Dollars.</i>	<i>Per cent.</i>
Oats gross weight.	kilos.	0. 02	free ...	pound.	0. 006 $\frac{2}{3}$	free.
Barley, with the husks, gross weight	do ...	. 02	25	do ...	. 006 $\frac{2}{3}$	25
Rye..... gross weight.	do ...	. 02	free ...	do ...	. 006 $\frac{2}{3}$	free.
Crackers, without sweetening or lard..... gross weight.	do ...	. 04	25	do ...	. 013	25
Same, fine, with or without sweetening, and biscuits of all kinds..... gross weight.	do ...	. 40	25	do ...	. 133	25
Flour wheat..... do ...	do ...	. 08	free ...	do ...	. 026	free.
Flour (meal) of oats, rye, maize and others gross weight.	do ...	. 06	free ...	do ...	. 02	free.
Maize do ...	do ...	. 02	free ...	do ...	. 006 $\frac{2}{3}$	free.
Wheat..... do ...	do ...	. 05	25	do ...	. 006 $\frac{2}{3}$	25

BRAZIL.

Articles.	Duty in Brazilian money and weights.		Equivalents in United States currency and weights.	
	Unit.	Duty.	Unit.	Duty.
		<i>Pesos.</i>		<i>Dollars.</i>
Bread, biscuits	Per kilo.....	. 035	Per pound...	0. 0086
Ship or pilot bread, crackers, etc....	do.....	. 480	do.....	0. 118
Biscuit of any other kind.....	do.....		do.....	

Free under reciprocity treaty.

Barley.
Maize.
Flour, wheat.

Flour, rye.
Cornmeal.
Oatmeal.

Rye.
Wheat.
Oats.

CHILE.

Articles.	Duty in Chilean money and weights.			Equivalents in United States currency and weights.		
	Unit.	Value.	Duty.	Unit.	Value.	Duty.
Oats.....gross weight..	Kilo.	<i>Dollars.</i> .06	<i>Per cent.</i> Free.	Per lb.	<i>Dollars.</i> 0.025	<i>Per cent.</i> Free.
Rye.....			Free.			Free.
Pearl barley.....gross weight..	Kilo.	.12	25	Per lb.	.05	25
Crackers, ordinary, for sailors or troops.....gross weight..	Quintal.	6.50	35	Per cwt.	2.688	35
Crackers, fine, without sweetening or lard, for state rooms, whose diameter exceeds 8 centimeters...gross weight..	...do..	8.70	35	...do...	3.60	35
Same as last, whose diameter does not exceed 8 centimeters.....gross weight..	Kilo.	.35	35	Per lb.	.145	35
Same, of any form or size, made with sweetening and lard.						
.....gross weight..	...do..	.50	35	...do...	.207	35
Maize.....			Free.			Free.
Wheat flour.....gross weight..			Free.			Free.
Flour (meal) of oats, rye, maize, and others....gross weight..	Kilo.	.15	25	Per lb.	.062	25

COLOMBIA.

Articles.	Duty in Colombian money and weights.		Duty in United States currency and weights.	
	Unit.	Duty.	Unit.	Duty.
		<i>Pesos.</i>		<i>Dollars.</i>
Flour, including cornmeal and all similar products.....	Per kilogram.	0.05	Per pound...	.016½
Corn, rice, etc., and all classes of vegetables.....	...do.....	.01	...do.....	.003⅓

By law 88 of 1886 a horizontal increase of 25 per cent on this tariff was established.

COSTA RICA.

Articles.	Duty in money and weights of Costa Rica.		Duty in money and weights of the United States.	
	Unit.	Duty.	Unit.	Duty.
Oats, maize, wheat,* barley, rye, and others	Per kilogram.	.02	Per pound...	<i>Dollars.</i> .006⅔
Wheat flour, cornmeal, oatmeal, etc.	...do.....	.04	...do.....	.013
Crackers or biscuits, fine or ordinary.....	...do.....	.07	...do.....	.023

* By a decree of July 27, 1882, wheat for Don Rafael Iglesias shall pay only the fifth part of the customs dues and wharfage for ten years from the day his mill shall be ready for operation.

ECUADOR.

Articles.	Duty in money and weights of Ecuador.		Equivalents in United States currency and weights.	
	Unit.	Duty.	Unit.	Duty.
Barley	Per kilogram.	<i>Suppl.</i> .02	Per pound...	<i>Dollars.</i> 0.006 $\frac{2}{3}$
Indian corn	do.....	.02	do.....	0.006 $\frac{2}{3}$
Flour (meal) of all kinds.....	do.....	.05	do.....	0.016 $\frac{2}{3}$
Wheat.....	do.....	.02	do.....	0.006 $\frac{2}{3}$

On all goods and articles not mentioned or specified a duty of 25 cents per kilogram in bulk is charged.

For the service of the national foreign debt an additional surcharge of 10 per cent shall be imposed on import duties. [This surtax can not now be imposed until six months after the signing any agreement for the settlement of the foreign debt.]

GUATEMALA.

Rye and maize are exempt from import duties.

Ten per cent shall be collected upon the value, according to the original invoices, for the introduction of barley and wheat.

The following articles are subject to duty named, 70 per cent upon their appraisement:

Articles.	Duty in Guatemalan money and weights.			Duty in United States currency and weights.		
	Unit.	Appraise-ment.	Duty.	Unit.	Appraise-ment.	Duty.
70 per cent:						
Wheat flour	Quintal..	<i>Pesos.</i> 2. 50	<i>Pesos.</i> 1. 75	Per cwt....	<i>Dollars.</i> 1. 81 $\frac{3}{4}$	<i>Dollars.</i> 1. 26
Crackers, common or ordinary, gross weight	Libra....	.05	.03 $\frac{1}{2}$	Per pound.	.036	.025
Crackers, fine, with or without sweetening, gross weight	do....	.10	.07	do.....	.073	.051
25 per cent:						
Wheat, gross weight.	Quintal..	.....	.33	Per cwt....	.....	.239

GUIANA (BRITISH).

Bread, navy biscuit, or crackers, or other kinds.....per 100 pounds	\$0. 50
Corn, crushed feed and ground feed	per bushel.. 0. 10
Corn meal and oatmeal.....per 100 pounds..	0. 25
Flour, of all descriptions	per barrel of 196 pounds.. 1. 00
Grain of every description, not otherwise specified .per bushel..	0. 05
Oats.....per bushel..	0. 10

HONDURAS.

Oats, maize, etc., alimentary roots, comestibles unprepared, wheat flour and others not specified (including corn meal, rye flour, barley flour) are free of duty.

Barley decorticated or ground and crackers of all kinds pay 2 centavos per libra ($1\frac{1}{2}$ cents per pound, United States value.)

HONDURAS (BRITISH).

	Cents.
Bread, navy and pilot.....per 100 pounds..	40
Flour.... per barrel of 196 pounds..	50
Oats..... per 100 pounds..	10

All other goods, not free of duty and not otherwise charged with any duty, according to the invoice value, including the cost of the packages 10, per cent.

Indian corn is free of duty.

MEXICO.

Articles.	Duty in Mexican money, weights and measures.		Duty in United States currency, weights and measures.	
	Unit.	Duty.	Unit.	Duty.
		<i>Pesos.</i>		<i>Dollars.</i>
Oats (gross weight).....	Kilo.....	.01	Per pound...	.004
Wheat flour, all grades (net weight).....	do.....	.11	do.....	.04
Flour of all other cereals, (gross weight).....	do.....	.01	do.....	.004
Maize (gross weight).....	do.....	.01	do.....	.004
Crackers of all kinds (gross weight).....	do.....	.15	do.....	.054
Wheat and all kinds of grains not specified (gross weight).....	do.....	.05	do.....	.018

NICARAGUA.

Articles.	Duty in Nicaraguan money, weights and measures.		Duty in United States currency, weights and measures.	
	Unit.	Duty.	Unit.	Duty.
Biscuits or crackers of all kinds....	Libra.....	Ccos. .04	Per pound. . .	Dollars. .029
Flour.....	do.....	.01	do.....	.007
Grain and cereals not specified.....	.....	Free.	.....	Free.

PERU.

Articles.	Duty in Peruvian money and weights.			Equivalents in United States currency and weights.		
	Unit.	Valuation.	Duty.	Unit.	Valuation.	Duty.
Oats (gross weight)	Kilo ..	Soles. .02	Per cent. 10	Pound.	Dollars. 0.006 $\frac{2}{3}$	Per cent. 10
Barley, with the husks (gross weight)	do ..	.02	10	do ..	0.006 $\frac{2}{3}$	10
Rye (gross weight)	do ..	.02	10	do ..	0.006 $\frac{2}{3}$	10
Barley, decorticated or pearl, including the wrapping.....	do ..	.10	40	do ..	0.033	40
Crackers, ordinary, without sweetening or lard (gross weight).....	do ..	.06	65	do ..	0.02	65
Same, fine, with or without sweetening and biscuits of all kinds (gross weight)	do ..	.40	65	do ..	0.133	65
Flour, wheaten, in barrels or sacks (specific)	do ..	.10	Centavos. 3 $\frac{1}{2}$	do ..	0.033	Cents. .011 $\frac{1}{2}$
The same, called "molluelo," firsts or seconds (specific).....	do ..	.05	3 $\frac{1}{2}$	do ..	0.016 $\frac{2}{3}$	.011 $\frac{1}{2}$
Flour (meal) of oats or rye (gross weight)	do ..	.10	Per cent. 40	do ..	0.033	Per cent. 40
Corn meal (gross weight).....	do ..	.10	40	do ..	0.033	40
Flour of rice (gross weight).....	do ..	.10	40	do ..	0.033	40
Maize (gross weight).....	do ..	.02	10	do ..	0.006 $\frac{2}{3}$	10
Wheat of all kinds (specific).....	do ..	.02	Centavos. 1	do ..	0.006 $\frac{2}{3}$	Cents. .003 $\frac{1}{3}$

SANTO DOMINGO.

The tariff upon certain breadstuffs under the recent reciprocity treaty with the United States, to go into effect September 1, 1891, is as follows:

Corn or maize and corn meal.....Free.
Oats, barley, rye, and buckwheat, and flour of these cereals.....Free.

The rate of duty under the tariff, 60 per cent upon the valuation (payable in Mexican dollars, the value of which in United States currency on July 1, 1891, was 80 cents) is as follows :

Articles.	Valuation in weights and money of Santo Domingo.		Valuation in United States currency and weights.		Duty.
	Unit.	Value.	Unit.	Value.	Per cent.
Fine biscuits, called pilot	Per quintal . .	\$8	Per cent .	2.903	60
Ordinary biscuits, called navy	do	6	do . . .	2.177	60
Fine biscuits—soda, butter, oyster, sweet crackers, and the like	do	16	do . . .	5.806	60

UNITED STATES.

Articles.	Specific.	Ad valorem.
	Cents.	Per cent.
Barley (bushel, 48 pounds)	per bushel . .	30
Barley, pearled	per pound . .	2
Biscuits and crackers of all kinds		20
Corn, Indian (maize)	per bushel (56 pounds) . .	15
Flour (wheat)		25
Meal, corn	per bushel (48 pounds) . .	20
Meal, oat	per pound . .	1
Oats	per bushel (32 pounds) . .	15
Rye	per bushel (56 pounds) . .	10
Rye flour	per pound . .	½
Wheat	per bushel (60 pounds) . .	25

URUGUAY.

Specific duties.

[1 peso, Uruguay = \$1.0352, United States; 1 kilogram = 2.2046 pounds.]

Articles.	Duty in Uruguayan money and weights.			Equivalents in United States currency and weights.		
	Unit.	Valuation.	Duty.	Unit.	Valuation.	Duty.
		Pesos.	Pesos.		Dollars.	Dollars.
Wheat	100 kilos . .		1.35	Per cwt		0.634
Maize	do		.80	do		.375
Wheat flour in casks or bags	do	8.00	2.70	do	3.756	1.268
Crackers, sweet, and biscuit, including the package	Kilogram . .	.35	.16	Per pound . .	.164	.075

Ad valorem duties.

Articles.	Unit.	Valuation.	Duty.	Unit.	Valuation.	Duty.
		<i>Pesos.</i>	<i>Per cent.</i>		<i>Pesos.</i>	<i>Per cent.</i>
Barley (gross weight)...	100 kilos.	4. 50	31	Per cwt....	2. 11	31
Rye (gross weight)....	Kilogram.	. 05	31	Per pound..	. 023	31
Crackers, common						
(gross weight).....	 do.....	. 12	44	 do.....	. 056	44
Flour or meal of rye,						
maize, or other com-	 do.....	. 10	31	 do.....	. 047	31
estible material.....						

VENEZUELA.

Articles.	Duty in Venezuelan weights and money.		Duty in United States currency and weights.	
	Unit.	Duty.	Unit.	Duty.
		<i>Bolivares.</i>		<i>Dollars.</i>
Oats, barley, rye, wheat, and maize..	Per kilogram	0. 10	Per pound..	0. 006 $\frac{2}{3}$
Wheat flour	do	. 25	do	. 016 $\frac{2}{3}$
Corn meal and rye flour.....	do	. 75	do	. 05
Barley flour, and any others not specified.	do	. 10	do	. 006 $\frac{2}{3}$
Crackers without sweetening	do	. 25	do	. 016 $\frac{2}{3}$
Crackers with sweetening	do	. 75	do	. 05

By virtue of a decree of March 24, 1891, maize, rice, etc., have been declared exempt from import duty from April 20, 1891, until new orders. The reëstablishment of the import duties on these articles will be announced a month in advance.

WEST INDIES (BRITISH).

JAMAICA.

Articles.	Duty in English money.		Duty in United States currency.
	<i>£</i>	<i>s. d.</i>	<i>Dollars.</i>
Barley.....	0	0 4	0. 08
Bread or biscuit		6 0	1. 46
Corn, Indian.....		4	. 08
Flour, rye	8	0	1. 94 $\frac{2}{3}$
Flour, wheat	8	0	1. 94 $\frac{2}{3}$
Meal (not wheat meal).....	2	0	. 48 $\frac{2}{3}$
Oats.....		4	. 08
Wheat		9	. 18
On all other goods, wares, merchandise, and effects of every description, not previously enumerated, for every £100 value.....	12	10 0	60. 83

TRINIDAD AND TOBAGO.

Articles.	Duty in English money.	Equivalents in United States cur- rency.
	<i>s. d.</i>	<i>Dollars.</i>
Bread, of all kinds.....barrel..	1 6	0.36
Corn, of all kinds, including oats.....bushel..	5	.10
Flour.....barrel of 196 pounds..	3 4	.81
Meal, or other flour, not wheaten.....barrel..	2 0	.48 $\frac{2}{3}$

ALL OTHER BRITISH WEST INDIES.

	Indian corn and wheat, per bushel.		Flour (wheat) per barrel.	
	Duty in Eng- lish money.	Equivalent in United States currency.	Duty in Eng- lish money.	Equivalent in United States currency.
	<i>d.</i> (*)	<i>Cents.</i> (*)	<i>s. d.</i> (*)	<i>Dollars.</i> (*)
Bermuda.....				
Bahamas.....	3	6	†2 6	†0.61
Turks Island.....	Free.	Free.	3 9	.91
St. Lucia.....	6	12	4 2	1.01
St. Vincent.....	4	8	4 0	.97
Barbados.....	†6	†12	4 2	1.01
Grenada.....	6	12	4 0	.97
Virgin Island.....	6	12	5 0	1.21 $\frac{2}{3}$
St. Christopher } Nevis..... }	3	6	4 2	1.01
Antigua.....	3	6	5 0	1.21 $\frac{2}{3}$
Montserrat.....	4	8	2 0	.48
Dominica.....	6	12	5 0	1.21 $\frac{2}{3}$

* 5 per cent ad valorem.

† With 10 per cent ad valorem.

‡ Per 100 pounds.

GRENADA (ADDITIONAL).

Articles.	Duty in Eng- lish money.	Equivalents in United States cur- rency.
	<i>s. d.</i>	<i>Cents.</i>
Bread..... per 100 pounds..	2 0	48
Oats..... per bushel..	6	12
Flours other than wheaten..... per barrel..	2 0	48
Corn meal and oatmeal..... per 100 pounds..	2 0	48

BREADSTUFFS IN LATIN AMERICA.

ST. VINCENT (ADDITIONAL).

Articles.	Duty in Eng- lish money.	Equivalents in United States cur- rency.
	<i>s. d.</i>	<i>Cents.</i>
Bread.....per barrel..	2 0	24
Other flours than wheaten.....do....	1 0	48

WEST INDIES (FRENCH).

GUADELOUPE AND DEPENDENCIES.

Articles.	Duty in French money and weights.		Equivalents in United States currency and weights.	
	Unit.	Duty.	Unit.	Duty.
		<i>Francs.</i>		<i>Dollars.</i>
Wheat flour	Barrel of 90 kilograms.	2. 00	Barrel of 198 pounds.	0. 386
Maize	Hectoliter ...	1. 00	Per bushel ..	. 068
Corn meal.....	...do	2. 00	...do	. 136
Oats	...do	1. 00	...do	. 068
Bread and sea biscuits.....	100kilogs....	2. 50	Per cwt.....	. 218
Grits and feculas, grains peeled and hulled.	...do	7. 00	...do	. 613
Alimentary roots and flour of manioc.	Ad valorem..	<i>Per cent.</i> 5	Ad valorem.	<i>Per cent.</i> 5

MARTINIQUE.

Articles.	Unit.	Sea octroi dues.	Customs dues.	Unit.	Sea octroi dues.	Customs dues.
		<i>Francs.</i>	<i>Francs.</i>		<i>Dollars.</i>	<i>Dollars.</i>
Wheat:						
Grain.....	Per 100 kilos, net.	1. 00	1. 00	Per cwt.....	0. 087½	0. 087½
Flour.....	Per barrel of 88 kilograms.	2. 40	2. 50	Per barrel of 193.6 pounds.	. 21	. 218
Meslin and rye:						
Grain.....	Per 100 kilos, net.	1. 00	.....	Per cwt.....	. 087½	.....
Flour.....	Per barrel of 88 kilograms.	2. 40	.....	Per barrel of 193.6 pounds.	. 21	.....
Maize:						
Grain.....	Per 100 kilos, net.	1. 10	.....	... do.....	. 096	.....
Flour.....	...do	3. 00	.....	... do.....	. 262	.....
Oats.....	...do	1. 75	.....	... do.....	. 153	.....
Grits and feculas:						
Flour of manioc.....	...do	0. 50	.....	... do.....	. 044	.....
Others.....	...do	4. 00	.....	... do.....	. 35	.....
Biscuits not sweet- ened.	...do	3. 00	.....	... do.....	. 262	.....

WEST INDIES (SPANISH).

The rates of duty in the Spanish West Indies under the recent reciprocity treaty with the United States are as follows, provided the imports be the product or manufacture of the United States and proceed directly from the ports of said States:

Transitory and definitive schedule.

[September 1, 1891.]

Articles.	Duty in Spanish West Indies currency and weights.		Duty in United States currency and weights.	
	Unit.	Duty.	Unit.	Duty.
Oats, barley, rye, buck-wheat, and flour of these cereals free		Free. <i>Pesos.</i>		<i>Dollars.</i> Free.
Corn or maize	Per 100 kilograms	0. 25	Per cwt.	0. 105
Corn meal	do.	. 25	do.	. 105
Wheat from January 1, 1892	do.	. 30	do.	. 126
Wheat flour from January 1, 1892	do.	1. 00	do.	. 42

Definitive schedule (to go into effect July 1, 1892). Bread and crackers at a reduction of duty of 50 per cent.

The present tariff rate upon wheat, wheat flour, bread, and crackers in these islands is:

Articles.	Duty in money and weights of Spanish West Indies.		Duty in United States currency and weights.	
	Unit.	Duty.	Unit.	Duty.
Cuba:		<i>Pesos.</i>		<i>Dollars.</i>
Wheat	Per 100 kilos.	3. 15	Per cwt.	1. 323
Wheat flour, including weight of package.	do.	4. 695	do.	1. 97
Bread, biscuit, or crackers.	do.	6. 30	do.	2. 646
Puerto Rico:				
Cereals	do.	. 80	do.	. 336
Flour of wheat.	do.	2. 45	do.	1. 025
Crackers (ordinary)	do.	2. 60	do.	1. 092

MISCELLANEOUS BREADSTUFF STATISTICS.

EXPORTS OF BREADSTUFFS FROM THE UNITED STATES TO EUROPE.

The table annexed shows the value of the export of breadstuffs from the United States to the European countries indicated for the four years 1887 to 1891:

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other bread- stuffs and food prepa- rations.	Total.
	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
Belgium:						
1887	714, 681	.....	9, 442, 243	667, 921	61, 119	10, 885, 964
1888	622, 974	60	5, 148, 318	720, 640	11, 022	6, 509, 014
1889	1, 950, 118	.....	1, 713, 963	209, 468	28, 702	3, 902, 251
1890	2, 018, 066	447, 445	3, 065, 485	808, 071	567, 074	6, 906, 141
1891	1, 323, 991	47, 377	3, 850, 664	536, 826	122, 061	5, 880, 919
Denmark:						
1887	888, 790	.....	350, 380	3, 791	1, 247	1, 244, 208
1888	450, 008	.....	336, 327	5, 983	1, 454	793, 772
1889	874, 905	.....	11, 392	2, 640	1, 867	890, 804
1890	2, 366, 831	.....	.....	1, 746	44, 919	2, 413, 496
1891	460, 711	.....	43, 530	67, 283	2, 316	573, 840
France:						
1887	927, 001	65	17, 471, 763	1, 668	48, 338	18, 448, 835
1888	583, 270	.....	3, 635, 303	34, 322	1, 111	4, 254, 006
1889	3, 027, 810	33	6, 854, 189	900	2, 470	9, 885, 002
1890	3, 576, 941	973, 378	3, 233, 618	1, 664	1, 768	7, 787, 369
1891	91, 668	19, 300	12, 590, 322	352, 085	4, 023	13, 057, 398
Germany:						
1887	1, 303, 127	280	833, 231	216, 238	68, 407	2, 421, 283
1888	498, 228	1, 164	677, 069	221, 078	25, 827	1, 423, 366
1889	2, 251, 999	1, 166	10	66, 988	97, 577	2, 417, 740
1890	4, 824, 991	37, 680	7, 926	31, 087	339, 442	5, 241, 126
1891	2, 042, 410	1, 255	295, 553	41, 039	147, 381	2, 528, 038
England:						
1887	8, 575, 775	283, 802	33, 331, 307	21, 861, 798	701, 819	64, 754, 501
1888	6, 276, 505	82, 933	17, 185, 642	23, 439, 741	108, 148	47, 092, 969
1889	13, 801, 936	249, 707	8, 934, 505	15, 203, 402	485, 872	38, 675, 422
1890	14, 725, 268	2, 929, 106	16, 423, 235	20, 264, 837	583, 500	54, 925, 946
1891*	8, 232, 109	306, 137	29, 281, 400	33, 781, 917	565, 442	70, 167, 005
Scotland:						
1887	2, 023, 874	69, 405	3, 030, 825	9, 841, 047	86, 710	15, 051, 861
1888	1, 560, 622	18, 890	3, 724, 430	11, 332, 626	17, 022	16, 653, 590
1889	3, 113, 492	9, 412	1, 022, 840	7, 536, 541	105, 581	11, 787, 866
1890	3, 001, 031	110, 765	3, 290, 580	11, 368, 036	279, 711	18, 050, 123
1891† .....	.....	.....	.....	.....	.....	.....
Ireland:						
1887	1, 188, 834	.....	11, 865, 856	3, 205, 908	.....	16, 260, 598
1888	196, 677	.....	14, 521, 790	3, 035, 031	12	17, 753, 510
1889	2, 874, 620	.....	18, 132, 887	2, 845, 367	181, 986	24, 034, 860
1890	5, 475, 913	24, 000	11, 756, 503	3, 795, 151	124, 261	21, 175, 828
1891† .....	.....	.....	.....	.....	.....	.....

* Great Britain and Ireland.

† Not separately stated for 1891.

MISCELLANEOUS BREADSTUFF STATISTICS—Continued.

EXPORTS OF BREADSTUFFS FROM THE UNITED STATES TO EUROPE—
Continued.

	Corn and cornmeal.	Oats and oatmeal.	Wheat.	Wheat flour.	Other bread- stuffs and food prepara- tions.	Total.
Sweden and Norway:	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>	<i>Dollars.</i>
1887	146, 289	.....	.....	53, 770	233	200, 292
1888	8, 990	.....	22, 460	91, 095	713	123, 258
1889	76, 652	.....	.....	31, 534	1, 342	109, 528
1890	108, 885	.....	.....	60, 416	1, 946	171, 247
1891	8, 779	.....	8, 387	46, 718	1, 807	65, 691
Spain:						
1887	55, 294	.....	2, 333, 105	11, 200	1, 796	2, 401, 395
1888	175	.....	1, 286, 979	2, 545	1, 069	1, 290, 768
1889	19, 616	.....	30	.....	504	20, 150
1890	151, 580	.....	31, 730	1, 735	19	185, 064
1891	46, 079	.....	1, 178	5, 965	200	53, 522
Italy:						
1887	187, 005	67	2, 168, 520	2, 080	110	2, 357, 782
1888	52, 024	.....	185, 261	.....	228	237, 513
1889	111, 217	.....	.....	170	1, 132	112, 519
1890	209, 394	150, 116	.....	1, 243	13, 637	374, 390
1891	65, 690	.....	.....	.....	456	66, 146
Netherlands:						
1887	699, 221	1, 048	1, 883, 189	1, 487, 475	13, 427	4, 084, 360
1888	488, 888	976	1, 892, 773	856, 124	17, 300	3, 256, 061
1889	717, 823	185	49, 615	484, 295	11, 669	1, 263, 587
1890	1, 376, 245	79, 853	305, 283	2, 438, 681	49, 593	4, 249, 655
1891	1, 004, 470	20, 617	412, 436	1, 364, 519	15, 314	2, 817, 356
Portugal:						
1887	254	.....	3, 660, 995	88, 083	2, 864	3, 752, 196
1888	11	.....	3, 835, 603	168, 003	826	4, 004, 443
1889	44	.....	1, 871, 726	96, 879	326	1, 968, 975
1890	9, 055	.....	2, 520, 410	79, 821	480	2, 609, 766
1891	243, 817	.....	3, 428, 696	29, 543	1, 235	3, 703, 291
Totals:						
1887	16, 720, 145	354, 667	86, 371, 414	37, 440, 979	986, 070	141, 873, 275
1888	10, 738, 372	104, 023	52, 451, 955	39, 913, 188	184, 732	103, 392, 270
1889	28, 820, 232	260, 503	38, 591, 157	26, 478, 184	919, 028	95, 069, 104
1890	37, 844, 200	4, 752, 343	40, 634, 770	38, 852, 488	2, 006, 350	124, 099, 151
1891	13, 519, 724	394, 686	47, 912, 566	36, 225, 895	860, 235	98, 913, 106

The exports of breadstuffs from the United States for the year 1890-'91 were as follows :

Articles.	Quantity.	Value.
		<i>Dollars.</i>
Barley..... bushels..	973, 062	669, 203
Corn..... do....	30, 768, 213	17, 652, 687
Corn meal..... barrels..	318, 329	946, 977
Oats..... bushels..	953, 010	405, 708
Oatmeal..... pounds..	7, 736, 873	221, 316
Rye..... bushels..	332, 739	212, 161
Rye flour..... barrels..	4, 254	18, 185
Wheat..... bushels..	55, 131, 948	51, 420, 272
Wheat flour..... barrels..	11, 344, 304	54, 705, 616
Total.....		126, 252, 125

EXPORTS OF BREADSTUFFS FROM THE UNITED STATES.

The subjoined tabular statements give the exports of the principal breadstuffs from the United States for eleven years to 1891, inclusive, by the quantity :

Exports of principal breadstuffs from the United States by the quantity for eleven years.

Year ending June 30—	Corn.	Corn meal.	Oats.	Wheat.	Wheat flour.	Rye.	Barley.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Bushels.</i>
1881....	91, 908, 175	434, 993	402, 904	150, 565, 477	7, 945, 786	1, 928, 437	885, 246
1882....	43, 184, 915	288, 492	625, 690	95, 271, 802	5, 915, 686	973, 921	205, 930
1883....	40, 586, 825	267, 207	461, 496	106, 385, 828	9, 205, 664	2, 170, 026	433, 005
1884....	45, 247, 490	252, 779	1, 760, 376	70, 349, 012	9, 152, 260	6, 220, 206	724, 955
1885....	51, 834, 416	260, 510	4, 191, 692	84, 653, 714	10, 648, 145	2, 950, 558	629, 130
1886....	63, 655, 433	293, 546	5, 672, 694	57, 759, 209	8, 179, 241	196, 725	252, 183
1887....	40, 307, 252	265, 333	440, 283	101, 971, 949	11, 518, 449	357, 256	1, 305, 300
1888....	24, 278, 417	270, 613	332, 564	65, 789, 261	11, 963, 574	78, 783	550, 884
1889....	69, 592, 929	312, 186	624, 226	46, 414, 129	9, 374, 803	287, 252	1, 440, 321
1890....	101, 973, 717	361, 248	13, 692, 776	54, 387, 767	12, 231, 711	2, 257, 377	1, 408, 311
1891....	30, 768, 213	318, 329	953, 010	55, 131, 948	11, 344, 304	332, 739	973, 062

The subjoined tables, from the Statistical Abstract of the United States, show in detail its breadstuff production, consumption, and commerce for twenty-two years :

BREADSTUFFS IN LATIN AMERICA.

69

Estimated annual production, acreage, total value, value per bushel, yield per acre, and value per acre of the cereal crops of the United States, from 1869 to 1890, inclusive.

[From the Annual Reports of the Department of Agriculture.]

CORN.

Calendar year.	Total production.	Total area of crop.	Total value of crop.	Average value per bushel.	Average yield per acre.	Average value of yield per acre.
	<i>Bushels.</i>	<i>Acre.</i>	<i>Dollars.</i>	<i>Cents.</i>	<i>Bushels.</i>	<i>Dollars.</i>
1869	874, 520, 000	37, 103, 245	658, 532, 700	75. 3	23. 6	17. 75
1870	1, 094, 255, 000	38, 646, 977	601, 839, 030	54. 9	28. 3	15. 57
1871	991, 838, 000	34, 091, 137	478, 275, 900	48. 2	29. 1	14. 02
1872	1, 092, 719, 000	35, 526, 836	435, 149, 290	39. 8	30. 7	12. 24
1873	932, 274, 000	39, 197, 148	447, 183, 020	48. 0	23. 8	11. 41
1874	850, 148, 500	41, 036, 818	550, 043, 080	64. 7	20. 7	13. 40
1875	1, 321, 069, 000	44, 841, 371	555, 445, 930	42. 0	29. 4	12. 38
1876	1, 283, 827, 500	49, 033, 364	475, 491, 210	37. 0	26. 1	9. 69
1877	1, 342, 558, 000	50, 369, 113	480, 643, 400	35. 8	26. 6	9. 54
1878	1, 388, 218, 750	51, 585, 000	441, 153, 405	31. 8	26. 9	8. 55
1879	1, 547, 901, 790	53, 085, 450	580, 486, 217	37. 5	29. 2	10. 93
1880	1, 717, 434, 543	62, 317, 842	679, 714, 499	39. 6	27. 6	10. 01
1881	1, 194, 916, 000	64, 262, 025	759, 482, 170	63. 6	18. 6	11. 82
1882	1, 617, 025, 100	65, 659, 545	783, 867, 175	48. 5	24. 6	11. 94
1883	1, 551, 066, 895	68, 301, 889	658, 051, 485	42. 0	22. 7	9. 63
1884	1, 795, 528, 000	69, 683, 780	640, 735, 560	36. 0	25. 8	9. 19
1885	1, 936, 176, 000	73, 130, 150	635, 674, 030	33. 0	26. 5	8. 69
1886	1, 665, 441, 000	75, 694, 208	610, 311, 000	36. 6	22. 0	8. 06
1887	1, 456, 161, 000	72, 392, 720	646, 106, 770	41. 4	20. 1	8. 93
1888	1, 987, 790, 000	75, 972, 763	677, 561, 580	34. 1	26. 2	8. 94
1889	2, 112, 892, 000	78, 326, 056	597, 918, 829	28. 3	27. 0	7. 63
1890	1, 489, 970, 000	71, 970, 763	754, 433, 451	50. 6	20. 7	10. 48

WHEAT.

Calendar year.	Total production.	Total area of crop.	Total value of crop.	Average value per bushel.	Average yield per acre.	Average value of yield per acre.
1869	260, 146, 900	19, 181, 004	244, 924, 120	94. 1	13. 5	12. 76
1870	235, 884, 700	18, 992, 591	245, 865, 045	104. 2	12. 4	12. 94
1871	230, 722, 400	19, 943, 893	290, 411, 820	125. 8	11. 5	14. 56
1872	249, 997, 100	20, 858, 359	310, 180, 375	124. 0	11. 9	14. 87
1873	281, 254, 700	22, 171, 676	323, 594, 805	115. 0	12. 7	14. 59
1874	308, 102, 700	24, 967, 027	291, 107, 895	94. 1	12. 3	11. 66
1875	292, 136, 000	26, 381, 512	294, 580, 990	100. 0	11. 0	11. 16
1876	289, 856, 500	27, 627, 021	300, 259, 300	103. 1	10. 5	10. 86
1877	364, 194, 146	26, 277, 546	394, 695, 779	108. 2	13. 9	15. 02
1878	420, 122, 400	32, 108, 560	326, 346, 424	77. 7	13. 1	10. 16
1879	448, 756, 630	32, 545, 950	497, 030, 142	110. 8	13. 8	15. 27
1880	498, 549, 868	37, 986, 717	474, 201, 850	95. 1	13. 1	12. 48
1881	383, 280, 090	37, 709, 020	450, 880, 427	119. 3	10. 1	12. 03
1882	504, 185, 470	37, 067, 194	445, 602, 125	88. 4	13. 6	12. 01
1883	421, 086, 160	36, 455, 595	383, 649, 282	91. 0	11. 6	10. 56
1884	512, 765, 000	39, 475, 885	330, 862, 260	65. 0	13. 0	8. 38
1885	357, 112, 000	34, 189, 246	275, 320, 390	77. 0	10. 4	8. 05
1886	457, 218, 000	36, 806, 184	314, 226, 020	68. 7	12. 4	8. 54
1887	456, 329, 000	37, 641, 783	310, 612, 960	68. 1	12. 1	8. 25
1888	415, 868, 000	37, 336, 138	385, 248, 030	87. 3	11. 1	10. 30
1889	490, 560, 000	38, 123, 859	342, 491, 707	69. 8	12. 9	8. 98
1890	399, 262, 000	36, 087, 154	334, 773, 678	83. 8	11. 1	9. 28

Cereal production of the United States, etc., from 1867 to 1890—Continued.

RYE.

Calendar year.	Total production.	Total area of crop.	Total value of crop.	Average value per bushel.	Average yield per acre.	Average value of yield per acre.
	<i>Bushels.</i>	<i>Acres.</i>	<i>Dollars.</i>	<i>Cents.</i>	<i>Bushels.</i>	<i>Dollars.</i>
1867 *	23, 184, 000	1, 689, 175	32, 499, 700	140. 2	13. 7	19. 24
1868 *	22, 504, 800	1, 651, 321	28, 683, 677	127. 4	13. 6	17. 37
1869	22, 527, 900	1, 657, 584	21, 877, 294	97. 1	13. 5	13. 20
1870	15, 473, 600	1, 176, 137	12, 612, 605	81. 5	13. 1	10. 72
1871	15, 365, 500	1, 069, 531	12, 145, 646	79. 0	14. 3	11. 35
1872	14, 888, 600	1, 048, 654	11, 363, 693	76. 3	14. 1	10. 84
1873	15, 142, 000	1, 150, 355	11, 548, 126	76. 2	13. 1	10. 04
1874	14, 990, 900	1, 116, 716	12, 870, 411	85. 8	13. 4	11. 52
1875	17, 722, 100	1, 359, 788	13, 631, 900	76. 9	13. 0	10. 02
1876	20, 374, 800	1, 468, 374	13, 635, 826	66. 9	13. 8	9. 28
1877	21, 170, 100	1, 412, 902	12, 542, 895	59. 2	14. 9	8. 87
1878	25, 842, 790	1, 622, 700	13, 592, 826	52. 6	15. 9	8. 38
1879	23, 639, 460	1, 625, 450	15, 507, 431	65. 6	14. 5	9. 54
1880	24, 540, 829	1, 767, 619	18, 564, 560	75. 6	13. 9	10. 50
1881	20, 704, 950	1, 789, 100	19, 327, 415	93. 3	11. 6	10. 80
1882	29, 060, 037	2, 227, 884	18, 439, 194	61. 5	13. 4	8. 28
1883	28, 058, 582	2, 314, 754	16, 300, 503	58. 0	12. 1	7. 04
1884	28, 640, 000	2, 343, 963	14, 857, 040	52. 0	12. 2	6. 34
1885	21, 756, 000	2, 129, 301	12, 594, 820	58. 0	10. 2	5. 92
1886	24, 489, 000	2, 129, 918	13, 181, 330	53. 8	11. 5	6. 19
1887	20, 693, 000	2, 053, 447	11, 283, 140	54. 5	10. 1	5. 50
1888	28, 415, 000	2, 364, 805	16, 721, 869	58. 8	12. 0	7. 07

OATS.

Calendar year.	Total production.	Total area of crop.	Total value of crop.	Average value per bushel.	Average yield per acre.	Average value of yield per acre.
	<i>Bushels.</i>	<i>Acres.</i>	<i>Dollars.</i>	<i>Cents.</i>	<i>Bushels.</i>	<i>Dollars.</i>
1867 *	278, 698, 000	10, 746, 416	172, 472, 970	61. 9	25. 9	16. 05
1868 *	254, 060, 800	9, 668, 736	142, 484, 910	55. 9	26. 3	14. 74
1869	288, 334, 000	9, 461, 441	136, 347, 000	47. 6	30. 4	14. 51
1870	247, 277, 400	8, 792, 395	107, 136, 710	43. 3	28. 1	12. 18
1871	255, 743, 000	8, 365, 809	102, 570, 030	40. 1	30. 5	12. 26
1872	271, 747, 000	9, 000, 769	91, 315, 710	33. 6	30. 1	10. 14
1873	279, 340, 000	9, 751, 700	101, 175, 750	37. 4	27. 7	10. 37
1874	240, 369, 000	10, 897, 412	125, 047, 530	52. 0	22. 0	11. 47
1875	354, 317, 500	11, 915, 075	129, 499, 930	36. 5	29. 7	10. 86
1876	420, 884, 000	13, 358, 908	112, 865, 900	35. 1	24. 0	8. 44
1877	406, 394, 000	12, 826, 148	118, 661, 550	29. 2	31. 6	9. 25
1878	413, 578, 560	13, 176, 500	101, 945, 830	24. 6	31. 4	7. 74
1879	363, 761, 320	12, 683, 500	120, 533, 294	33. 1	38. 7	9. 50
1880	417, 885, 380	16, 187, 977	150, 243, 555	36. 0	25. 8	9. 28
1881	416, 481, 000	16, 831, 600	193, 198, 970	46. 4	24. 7	11. 48
1882	488, 250, 610	18, 494, 691	182, 978, 022	37. 5	26. 4	9. 89
1883	571, 302, 400	20, 324, 962	187, 040, 264	32. 7	28. 1	9. 20
1884	583, 628, 000	21, 300, 917	161, 528, 470	28. 0	27. 4	7. 58
1885	629, 409, 000	22, 783, 630	179, 631, 860	29. 0	27. 6	7. 88
1886	624, 134, 000	23, 658, 474	186, 137, 930	28. 8	26. 4	7. 87
1887	659, 618, 000	25, 920, 906	200, 699, 790	30. 4	25. 4	7. 74
1888	701, 735, 000	26, 998, 282	195, 424, 240	33. 3	25. 9	7. 24
1889	751, 515, 000	27, 462, 316	171, 781, 008	22. 9	27. 4	6. 26
1890	523, 621, 000	26, 431, 369	222, 048, 486	42. 4	19. 8	8. 40

* Oregon not included.

*Cereal production of the United States, etc., from 1867 to 1890—Continued.***BARLEY.**

Calendar year.	Total production.	Total area of crop.	Total value of crop.	Average value per bushel.	Average yield per acre.	Average value of yield per acre.
	<i>Bushels.</i>	<i>Acres.</i>	<i>Dollars.</i>	<i>Cents.</i>	<i>Bushels.</i>	<i>Dollars.</i>
1867*.....	25,727,000	1,131,217	22,850,130	88.8	22.7	20.00
1868*.....	22,896,100	937,498	29,809,931	130.2	24.4	31.79
1869.....	28,652,200	1,025,795	23,387,909	81.6	27.9	22.79
1870.....	26,295,400	1,108,924	22,244,584	84.5	23.7	20.05
1871.....	26,718,500	1,177,666	21,541,777	80.6	22.6	18.29
1872.....	26,846,400	1,397,082	19,837,773	73.9	19.2	14.20
1873.....	32,044,491	1,387,106	29,333,529	91.5	23.1	21.15
1874.....	32,552,500	1,580,626	29,983,769	92.1	20.6	18.97
1875.....	36,908,600	1,789,902	29,952,082	81.3	20.6	16.73
1876.....	38,710,500	1,766,511	25,735,110	66.4	21.9	14.57
1877.....	34,441,400	1,014,654	22,028,644	64.0	21.3	13.64
1878.....	42,245,630	1,790,400	24,483,315	58.0	23.6	13.67
1879.....	40,283,100	1,680,700	23,714,444	58.9	24.0	14.11
1880.....	45,165,346	1,843,329	30,090,742	66.6	24.5	16.32
1881.....	41,161,330	1,967,510	33,862,513	82.3	20.9	17.21
1882.....	48,952,926	2,272,103	30,768,015	62.9	21.5	13.54
1883.....	50,136,097	2,379,009	29,420,423	58.7	21.1	12.38
1884.....	61,203,000	2,608,818	29,779,179	49.0	23.5	11.42
1885.....	58,360,000	2,729,359	32,867,696	56.0	21.4	12.04
1886.....	59,428,000	2,652,957	31,840,510	53.6	22.4	12.00
1887.....	56,812,000	2,901,953	29,464,390	51.9	19.6	10.15
1888.....	63,884,000	2,996,382	37,672,032	59.0	21.3	12.57

BUCKWHEAT.

Calendar year.	Total production.	Total area of crop.	Total value of crop.	Average value per bushel.	Average yield per acre.	Average value of yield per acre.
	<i>Bushels.</i>	<i>Acres.</i>	<i>Dollars.</i>	<i>Cents.</i>	<i>Bushels.</i>	<i>Dollars.</i>
1867*.....	21,359,000	1,227,826	23,469,650	109.9	17.4	19.11
1868*.....	19,863,700	1,113,993	20,814,315	104.8	17.8	18.68
1869.....	17,431,100	1,028,693	15,814,265	90.7	16.9	15.37
1870.....	9,841,500	536,992	7,725,044	78.4	18.3	14.38
1871.....	8,328,700	413,915	6,900,268	82.8	20.1	16.67
1872.....	8,133,500	448,497	6,747,618	82.9	18.1	15.04
1873.....	7,837,700	454,152	6,382,043	81.4	17.2	14.05
1874.....	8,016,600	452,590	6,477,885	80.8	17.7	14.31
1875.....	10,082,100	575,530	7,166,267	71.0	17.5	12.45
1876.....	9,668,800	666,441	7,021,498	72.6	14.5	10.53
1877.....	10,177,000	649,923	6,998,810	68.7	15.6	10.76
1878.....	12,246,820	673,100	6,454,120	52.7	18.2	9.59
1879.....	13,140,000	639,900	7,856,191	59.8	20.5	12.28
1880.....	14,617,535	822,802	8,682,488	59.4	17.7	10.55
1881.....	9,486,200	828,815	8,205,705	86.5	11.4	9.90
1882.....	11,019,353	847,112	8,038,862	73.0	13.0	9.49
1883.....	7,668,954	857,349	6,303,980	82.0	8.9	7.35
1884.....	11,116,000	879,403	6,549,020	59.0	12.6	7.45
1885.....	12,626,000	914,394	7,057,363	56.0	13.8	7.72
1886.....	11,869,000	917,915	6,465,120	54.5	12.9	7.04
1887.....	10,844,000	910,506	6,122,320	65.5	11.9	6.72
1888.....	12,050,000	912,630	7,627,647	63.3	13.2	8.36

* Oregon not included.

Cereal production of the United States, etc., from 1867 to 1890—Continued.

RECAPITULATION.

Calendar year.	Total production.	Total area of crops.	Total value of crops.
	<i>Bushels.</i>	<i>Acres.</i>	<i>Dollars.</i>
1867*	1, 329, 729, 400	65, 634, 444	1, 284, 037, 300
1868*	1, 450, 789, 000	66, 715, 926	1, 110, 500, 583
1869.....	1, 491, 612, 100	69, 457, 762	1, 101, 884, 188
1870.....	1, 629, 027, 600	69, 254, 016	997, 423, 018
1871.....	1, 528, 776, 100	65, 061, 951	911, 845, 441
1872.....	1, 664, 331, 600	68, 280, 197	874, 594, 459
1873.....	1, 538, 892, 891	74, 112, 137	919, 217, 273
1874.....	1, 454, 180, 200	80, 051, 289	1, 015, 530, 570
1875.....	2, 032, 235, 300	86, 863, 178	1, 030, 277, 099
1876.....	1, 963, 422, 100	93, 920, 619	935, 008, 844
1877.....	2, 178, 934, 646	93, 150, 286	1, 035, 571, 078
1878.....	2, 302, 254, 950	100, 956, 260	913, 975, 920
1879.....	2, 437, 482, 300	102, 260, 950	1, 245, 127, 719
1880.....	2, 718, 193, 501	120, 926, 286	1, 361, 497, 704
1881.....	2, 066, 029, 570	123, 388, 070	1, 470, 957, 200
1882.....	2, 699, 394, 496	126, 568, 529	1, 469, 693, 393
1883.....	2, 629, 319, 088	130, 633, 556	1, 280, 765, 937
1884.....	2, 992, 880, 000	136, 292, 766	1, 184, 311, 520
1885.....	3, 015, 439, 000	135, 876, 080	1, 143, 146, 759
1886.....	2, 842, 579, 000	141, 859, 656	1, 162, 161, 910
1887.....	2, 660, 457, 000	141, 821, 315	1, 204, 289, 370
1888.....	3, 209, 742, 000	146, 281, 000	1, 320, 255, 398

* Oregon not included.

NOTE.—The following are taken as the weights per bushel of the various cereals in this table: Corn, 56 pounds; wheat, 60 pounds; rye, 56 pounds; oats, 32 pounds; barley, 48 pounds; buckwheat, 48 pounds.

Quantity of wheat produced, and of wheat and wheat flour imported, exported, and retained for consumption in the United States from 1869 to 1890, inclusive.

Calendar year.	Production.	Year ending June 30—	Imports.	Total production and imports.	Exports, domestic and foreign.	Retained for home consumption.	Consumption per capita.	Per centage exported.
	<i>Bushels.</i>		<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	
1869.....	260,146,900	1870	1,285,976	261,432,876	54,411,735	207,021,141	5.37	20.81
1870.....	235,884,700	1871	867,489	236,752,189	53,968,920	183,683,269	4.64	22.42
1871.....	230,722,400	1872	2,410,738	233,133,138	39,097,265	193,135,873	4.76	17.16
1872.....	249,997,100	1873	1,841,049	251,838,149	52,545,731	199,292,418	4.78	20.86
1873.....	281,254,700	1874	2,116,777	283,371,477	92,534,779	190,836,698	4.46	32.65
1874.....	300,102,700	1875	367,987	300,470,687	73,212,614	236,258,073	5.38	32.66
1875.....	292,136,000	1876	1,664,138	293,800,138	76,171,643	217,628,495	4.82	25.93
1876.....	289,356,500	1877	366,061	289,722,561	57,513,589	232,208,972	5.01	19.85
1877.....	364,194,146	1878	1,390,713	365,584,859	93,419,031	272,165,828	5.71	25.55
1878.....	420,122,400	1879	2,068,018	422,190,418	149,508,553	272,681,865	5.58	35.41
1879.....	448,756,630	1880	486,106	449,242,736	180,934,478	268,308,258	5.35	40.28
1880.....	498,549,868	1881	211,402	498,761,270	186,475,251	312,286,019	6.09	37.39
1881.....	383,280,090	1882	865,467	384,145,557	122,597,997	258,547,560	4.93	32.17
1882.....	504,185,470	1883	1,087,011	505,272,481	148,785,696	356,486,785	5.64	16.77
1883.....	421,086,160	1884	32,474	421,118,634	111,636,302	309,482,332	5.64	16.77
1884.....	512,765,000	1885	212,311	512,976,211	132,851,835	380,124,376	6.77	25.89
1885.....	357,112,000	1886	388,415	357,500,415	94,913,395	262,587,020	5.17	26.55
1886.....	457,218,000	1887	282,400	457,500,400	154,163,415	303,336,985	5.17	33.70
1887.....	456,329,000	1888	593,860	456,922,860	120,127,664	336,795,196	5.62	26.29
1888.....	415,868,000	1889	135,851	416,003,851	88,822,462	327,181,389	5.34	21.35
1889.....	490,560,000	1890	162,546	490,722,546	109,611,176	381,111,370	6.09	22.34
1890.....	399,262,000	1891	583,827	399,845,827	106,801,935	293,043,892	4.69	26.71

BREADSTUFFS IN LATIN AMERICA.

Quantity of corn produced, and of corn and corn meal imported, exported, and retained for consumption in the United States from 1869 to 1890, inclusive.

Calendar year.	Production.	Year ending June 30—	Imports.	Total production and imports.	Exports, domestic and foreign.	Retained for home consumption.	Consumption per capita.	Per cent—age exported.
	<i>Bushels.</i>		<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	<i>Bushels.</i>	
1869.....	874,320,000	1870	89,538	874,409,528	2,140,487	872,260,041	22.62	24
1870.....	1,094,255,000	1871	111,344	1,094,366,344	10,673,553	1,083,692,791	27.39	.98
1871.....	991,898,000	1872	58,568	991,956,568	35,727,010	956,229,558	23.56	3.60
1872.....	1,092,719,000	1873	61,536	1,092,780,536	40,154,374	1,052,626,162	25.26	3.67
1873.....	932,274,000	1874	76,003	932,350,003	35,985,834	896,364,169	20.95	3.86
1874.....	850,148,500	1875	38,098	850,186,598	30,025,030	820,161,562	18.66	3.53
1875.....	1,321,069,000	1876	51,796	1,321,120,796	50,910,532	1,270,210,264	28.14	3.85
1876.....	1,283,827,500	1877	30,902	1,283,858,402	72,652,611	1,211,205,791	26.13	5.66
1877.....	1,342,558,000	1878	13,423	1,342,571,423	87,192,110	1,255,379,313	26.38	6.49
1878.....	1,388,218,750	1879	33,869	1,388,252,619	87,884,892	1,300,367,727	26.61	6.33
1879.....	1,547,901,790	1880	58,876	1,547,960,666	99,572,320	1,448,388,337	28.88	6.49
1880.....	1,717,434,543	1881	75,155	1,717,509,698	93,648,147	1,623,861,551	31.64	5.45
1881.....	1,194,916,000	1882	69,621	1,194,985,621	44,340,683	1,150,644,938	21.92	3.71
1882.....	1,617,025,100	1883	25,989	1,617,051,089	41,655,653	1,575,395,436	29.34	2.57
1883.....	1,551,066,895	1884	4,894	1,551,071,789	45,247,510	1,505,824,279	27.44	2.92
1884.....	1,795,528,000	1885	4,507	1,795,532,507	52,876,456	1,742,656,051	31.04	2.95
1885.....	1,936,176,000	1886	16,104	1,936,192,104	64,829,617	1,871,362,487	32.60	3.34
1886.....	1,665,441,000	1887	30,536	1,665,471,536	41,368,584	1,624,102,952	27.68	2.48
1887.....	1,456,161,000	1888	37,493	1,456,198,493	25,320,869	1,430,877,624	23.86	1.74
1888.....	1,987,790,000	1889	2,401	1,987,792,401	70,841,674	1,916,950,727	31.28	3.55
1889.....	2,112,892,000	1890	1,626	2,112,893,626	103,318,709	2,009,574,917	32.09	4.90
1890.....	1,489,970,000	1891	2,111	1,489,972,111	32,041,529	1,457,930,582	23.33	2.15

Quantities of wheat and wheat flour of domestic production exported from the United States, by countries, from 1869 to 1891, inclusive.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Belgium.		France.		Germany.	
	Wheat.	Wheat flour.	Wheat.	Wheat flour.	Wheat.	Wheat flour.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869.....	5, 016	3, 404	36, 839	159	21, 961	1, 647
1870.....	195, 964	15, 144	1, 012, 637	34, 271	317, 289	7, 898
1871.....	942, 399	60, 433	555, 263	47, 521	149, 214	1, 798
1872.....	1, 275, 101	4, 341	1, 429, 688	247	290, 737	3, 364
1873.....	100, 054	305	.....	31	164, 474	3, 795
1874.....	3, 709, 694	72, 401	2, 223, 366	7, 260	886, 485	21, 910
1875.....	2, 081, 744	19, 418	127, 009	1, 020	373, 818	7, 929
1876.....	2, 190, 282	22, 806	521, 041	19	516, 156	14, 113
1877.....	1, 410, 610	13, 325	874, 642	140	990, 067	10, 874
1878.....	3, 633, 778	16, 933	4, 337, 091	445	33, 573	8, 261
1879.....	9, 037, 297	44, 437	42, 147, 558	27, 075	422, 242	11, 233
1880.....	13, 418, 016	49, 261	43, 601, 291	9, 933	1, 223, 279	11, 911
1881.....	15, 384, 509	182, 545	29, 440, 418	46, 396	3, 029, 232	17, 373
1882.....	8, 855, 842	55, 748	11, 225, 848	4, 579	480, 600	4, 893
1883.....	10, 290, 564	119, 869	15, 096, 712	63, 223	1, 405, 999	33, 645
1884.....	6, 808, 449	140, 272	8, 385, 155	11, 996	886, 096	34, 062
1885.....	8, 287, 470	138, 405	8, 565, 129	2, 034	745, 561	32, 398
1886.....	4, 842, 934	30, 044	2, 014, 404	93	356, 352	10, 535
1887.....	10, 498, 727	166, 414	19, 546, 090	435	888, 857	43, 499
1888.....	5, 925, 077	160, 524	4, 212, 947	8, 528	768, 429	45, 912
1889.....	1, 835, 942	47, 417	7, 655, 176	200	9	13, 009
1890.....	3, 741, 303	170, 094	3, 846, 505	283	8, 786	6, 575
1891.....	4, 033, 382	115, 896	13, 843, 054	70, 134	263, 887	8, 864

Quantities of wheat and wheat flour of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Netherlands.		Portugal.		Spain.	
	Wheat.	Wheat flour.	Wheat.	Wheat flour.	Wheat.	Wheat flour.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869.....		789	120, 880	6, 530	45, 233	19, 444
1870.....	71, 068	14, 455	701, 825	13, 678	15, 960	4, 971
1871.....	186, 885	2, 011	475, 856	8, 509	121, 145	8, 119
1872.....	244, 117	1, 148	426, 884	4, 648	800	250
1873.....	583, 508	674	131, 129	1, 970	7, 508	800
1874.....	3, 160, 435	26, 389	300, 301	886	5, 083	5, 009
1875.....	1, 572, 098	2, 031	1, 595, 014	11, 941	23, 608	1, 120
1876.....	2, 380, 260	488	1, 412, 988	12, 885	.....	.....
1877.....	420, 031	327	1, 013, 302	8, 270	34, 519	.....
1878.....	1, 183, 759	1, 498	2, 178, 366	16, 612	53, 390	1, 123
1879.....	2, 406, 231	7, 660	3, 174, 611	18, 588	1, 799, 497	46, 121
1880.....	3, 345, 873	29, 929	2, 196, 724	4, 829	679, 121	10, 012
1881.....	7, 361, 690	253, 625	2, 493, 418	12, 698	29, 861	1, 489
1882.....	1, 288, 972	109, 281	2, 508, 364	6, 077	620, 451	1, 824
1883.....	2, 293, 171	161, 637	3, 490, 560	3, 627	1, 712, 504	2, 181
1884.....	1, 065, 909	139, 233	3, 355, 292	4, 465	64, 980	50
1885.....	2, 065, 507	150, 009	3, 763, 826	11, 126	606, 885	.....
1886.....	672, 175	92, 296	3, 552, 850	7, 472	1, 008, 958	200
1887.....	2, 095, 633	308, 313	4, 011, 406	21, 723	2, 483, 664	2, 557
1888.....	2, 256, 761	176, 195	4, 276, 519	42, 493	1, 453, 649	570
1889.....	56, 931	92, 260	1, 906, 732	22, 005	30	.....
1890.....	385, 170	494, 108	2, 812, 483	21, 409	34, 800	400
1891.....	380, 245	292, 034	3, 124, 648	5, 730	1, 070	1, 150

Quantities of wheat and wheat flour of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	United Kingdom.		Other Europe.		Total Europe.	
	Wheat.	Wheat flour.	Wheat.	Wheat flour.	Wheat.	Wheat flour.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869	13, 356, 550	407, 082	.....	14, 602	13, 586, 479	453, 657
1870	27, 787, 609	1, 188, 951	550	9, 119	30, 102, 902	1, 288, 487
1871	22, 488, 021	1, 227, 624	1, 789	14, 486	24, 920, 572	1, 370, 501
1872	19, 017, 411	328, 544	.....	4, 457	22, 684, 738	346, 999
1873	31, 790, 876	531, 801	.....	2, 575	32, 777, 549	541, 951
1874	51, 833, 278	1, 703, 984	54, 345	5, 032	62, 172, 987	1, 842, 871
1875	42, 057, 004	1, 231, 324	11, 959	6, 056	47, 842, 254	1, 280, 839
1876	42, 256, 652	1, 335, 185	239, 284	6, 914	49, 516, 663	1, 392, 410
1877	31, 202, 296	918, 283	45, 293	5, 446	35, 990, 760	956, 665
1878	54, 664, 732	1, 615, 479	203, 966	15, 177	66, 288, 655	1, 675, 528
1879	57, 419, 292	2, 629, 665	395, 605	71, 333	116, 802, 333	2, 856, 112
1880	79, 068, 075	3, 645, 952	1, 305, 858	15, 461	144, 838, 237	3, 777, 288
1881	82, 550, 921	4, 610, 415	1, 290, 893	23, 007	141, 580, 942	5, 147, 548
1882	65, 600, 582	3, 289, 909	681, 441	9, 591	91, 262, 100	3, 481, 902
1883	65, 266, 803	5, 717, 429	942, 347	23, 825	100, 498, 660	6, 125, 436
1884	44, 761, 690	5, 583, 843	544, 148	17, 642	65, 871, 719	5, 931, 563
1885	56, 532, 002	6, 807, 538	810, 182	45, 405	81, 376, 562	7, 186, 915
1886	40, 678, 739	4, 914, 782	1, 661, 466	15, 276	54, 787, 878	5, 070, 698
1887	54, 352, 915	7, 632, 071	2, 947, 438	39, 066	96, 824, 730	8, 205, 078
1888	41, 332, 300	8, 070, 490	707, 984	32, 097	60, 933, 666	8, 536, 809
1889	31, 568, 536	5, 271, 344	67, 836	17, 575	43, 091, 192	5, 463, 810
1890	38, 240, 523	7, 423, 988	124, 988	28, 431	49, 194, 558	8, 145, 288
1891	29, 820, 650	7, 037, 420	46, 367	31, 790	51, 513, 303	7, 563, 018

Quantities of wheat and wheat flour of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	British North American Possessions.		Mexico.		West Indies.	
	Wheat.	Wheat flour.	Wheat.	Wheat flour.	Wheat.	Wheat flour.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869	3, 383, 277	502, 679	234	31, 611	*9, 410	692, 292
1870	6, 259, 133	532, 260	66	29, 930	*24, 500	819, 113
1871	9, 340, 178	666, 842	6, 872	28, 501	*17, 441	857, 433
1872	3, 711, 542	530, 088	.....	28, 764	*110	552, 634
1873	6, 306, 840	435, 435	4	14, 715	†54, 333	719, 206
1874	8, 721, 303	441, 526	30, 330	6, 028	†3, 005	873, 931
1875	5, 032, 981	584, 385	.....	13, 668	†27, 809	888, 658
1876	5, 530, 637	538, 241	.....	15, 048	†24, 583	921, 496
1877	4, 142, 424	640, 801	9	11, 188	†37, 296	744, 005
1878	5, 679, 107	423, 331	17, 091	21, 381	†30, 386	628, 160
1879	5, 204, 033	504, 920	5, 087	19, 967	20, 524	810, 434
1880	7, 920, 248	277, 666	165	9, 299	49, 420	757, 432
1881	8, 772, 993	477, 885	107	11, 657	25, 356	926, 958
1882	3, 163, 971	373, 078	4, 663	11, 938	53, 019	702, 750
1883	5, 331, 935	559, 075	1, 384	21, 513	89, 659	952, 741
1884	4, 380, 987	850, 184	34	21, 672	43, 873	877, 817
1885	3, 164, 274	815, 970	71	18, 165	1, 831	962, 144
1886	2, 507, 495	507, 297	487	18, 780	5, 685	1, 025, 721
1887	4, 679, 169	550, 698	30	23, 218	3, 243	977, 609
1888	4, 524, 849	572, 161	3, 307	24, 282	28, 847	1, 181, 038
1889	1, 851, 925	933, 354	2, 280	32, 114	23, 648	1, 171, 281
1890	2, 292, 716	839, 296	2, 327	31, 101	35, 102	1, 226, 888
1891	2, 593, 093	447, 648	7, 509	37, 584	162, 819	1, 186, 833

*Includes all French Possessions in America, British Guiana, British Honduras, Dutch Guiana, and Denmark.

†Includes French Guiana, Dutch Guiana, British Honduras, and Denmark.

‡Includes French Guiana, Dutch Guiana, and British Honduras.

Quantities of wheat and wheat flour of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Central America.		Brazil.		Other South America.	
	Wheat.	Wheat flour.	Wheat.	Wheat flour.	Wheat.	Wheat flour.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869		34,485	10,211	384,134	51,932	70,723
1870	632	18,235		376,217	36,516	103,647
1871		33,611		455,673	21,579	115,146
1872	125	48,702		382,216	22,566	114,568
1873	136	42,329	1,800	408,648	32,894	181,293
1874	1,633	49,072	4,999	531,379	60,869	205,677
1875		64,137	11	599,832	55,442	340,509
1876	168	57,125		536,180	644	278,164
1877	4	51,811	3	482,209	38,250	216,632
1878	160	73,949	52,523	616,132	156,687	263,326
1879	42,383	93,772		717,377	178,565	285,925
1880	35,696	115,855		537,914	362,291	256,909
1881	25,448	111,255	18,201	677,702	99,059	276,721
1882	22,249	98,159	109	618,908	7,981	282,178
1883	45,920	114,329	47,410	739,441	3,265	298,781
1884	42,753	119,786		649,017	1,584	308,173
1885	44,929	107,707	23,861	674,230	3,372	355,002
1886	25,855	128,087	4,995	542,499	2,376	339,575
1887	38,496	137,685	41,913	748,937	87,169	342,894
1888	56,113	164,889	149	584,670	194,971	393,410
1889	53,049	163,604	415,507	678,972	398,314	389,195
1890	56,215	180,091	1,768,234	687,342	919,099	455,733
1891	57,896	228,397	580,127	722,369	121,187	464,033

Quantities of wheat and wheat flour of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Asia and Oceania.		All other countries.		Total.	
	Wheat.	Wheat flour.	Wheat.	Wheat flour.	Wheat.	Wheat flour.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869	484, 851	214, 998	31, 442	47, 294	17, 557, 836	2, 431, 873
1870	157, 915	286, 395	2, 451	9, 049	36, 584, 115	3, 463, 333
1871	4, 191	121, 031	73	5, 103	34, 310, 906	3, 653, 841
1872	3, 999	200, 979	.....	9, 585	26, 423, 080	2, 514, 535
1873	27, 326	202, 160	3, 403	16, 349	39, 204, 285	2, 562, 086
1874	44, 802	130, 441	.....	13, 169	61, 039, 928	4, 094, 094
1875	76, 833	178, 795	11, 847	22, 305	53, 047, 177	3, 973, 128
1876	427	177, 119	.....	19, 729	55, 073, 122	3, 935, 512
1877	107, 149	222, 141	9, 716	18, 213	40, 325, 611	3, 343, 665
1878	11, 145	209, 447	169, 207	36, 079	72, 404, 961	3, 947, 333
1879	8, 428	298, 504	92, 583	42, 703	122, 353, 936	5, 629, 714
1880	24, 647	254, 460	22, 091	24, 596	153, 252, 795	6, 011, 419
1881	6, 259	285, 433	37, 112	30, 627	150, 565, 477	7, 945, 786
1882	247, 007	325, 249	510, 703	21, 524	95, 271, 802	5, 915, 686
1883	28, 969	350, 305	338, 626	44, 043	106, 385, 828	9, 205, 664
1884	7, 010	363, 159	1, 052	30, 889	70, 349, 012	9, 152, 260
1885	34, 652	497, 927	4, 162	30, 085	84, 653, 714	10, 648, 145
1886	301, 934	517, 509	122, 504	29, 075	57, 759, 209	8, 179, 241
1887	134, 850	501, 456	162, 349	30, 874	101, 971, 949	11, 518, 449
1888	12, 759	476, 413	34, 600	29, 902	65, 789, 261	11, 963, 574
1889	574, 686	518, 512	3, 528	23, 961	46, 414, 129	9, 374, 803
1890	81, 711	636, 827	37, 805	29, 145	54, 387, 767	12, 231, 711
1891	1, 890	611, 066	94, 124	83, 356	55, 131, 948	11, 344, 304

Quantities of corn and corn meal of domestic production exported from the United States, by countries, from 1869 to 1890, inclusive.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Belgium.		France.		Germany.	
	Corn.	Corn meal.	Corn.	Corn meal.	Corn.	Corn meal.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869		20	54,849	10	119,523	232
1870			237		42,570	
1871	11,271	5	77,671	25	113,728	
1872	1,677		161,496	6	736,914	25
1873	42,974	26	134,933	1	362,550	140
1874	84,798		452,951		825,620	36
1875	137,500	12	346,456		957,322	
1876	2,500	15	246,629		741,176	10
1877	315,308	5	1,363,281		2,136,388	401
1878	904,614	10	2,872,784		1,968,879	904
1879	1,341,946		2,564,226	30	3,894,311	90
1880	2,474,934	189	8,573,845		7,589,858	
1881	2,786,685	982	4,987,985	125	10,320,247	1,219
1882	1,039,613	794	1,344,970	367	3,647,878	350
1883	427,355	100	1,617,903	127	1,869,271	
1884	544,876	499	1,350,807	112	4,228,483	46
1885	1,469,840	4	2,880,532	26	4,371,471	105
1886	1,571,438	65	7,776,482		4,365,419	1,987
1887	1,474,283	247	1,958,750	60	2,638,167	72
1888	1,117,769	4	1,135,861		937,627	1
1889	4,009,886	207	6,564,952		4,608,481	
1890	4,793,323	1,743	8,481,129	140	11,419,063	
1891	2,356,012	720	152,177		3,745,574	2

Quantities of corn and corn meal of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Netherlands.		Portugal.		Spain.	
	Corn.	Corn meal.	Corn.	Corn meal.	Corn.	Corn meal.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869	100			25	291	
1870					564	302
1871		1	520		2,465	
1872	27,892		16,150		8,955	1
1873	50,536		26,203		10,643	100
1874	51,718				520	325
1875	71,517				400	200
1876	22,504		666,345		42,552	
1877	149,612	7	216,934		78,018	
1878	454,968		22,823	4	101,498	
1879	464,084	6	1,343,269		407,478	1,408
1880	1,175,582		2,037,690	4	2,886,908	629
1881	3,614,340	378	514,106	3	304,183	130
1882	619,292	3,347	272,962		43,543	120
1883	600,675	50	441,708		266,103	
1884	1,216,271	43	180,679		105,197	
1885	1,168,349		95,407		109,824	530
1886	1,980,537		15,444	3	285,925	
1887	1,453,066			108	109,794	110
1888	872,485			3	200	
1889	1,468,038	358		11	36,346	
1890	3,367,423	100	20,000		350,574	
1891	1,750,191	459	378,572		106,159	

Quantities of corn and corn meal of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	United Kingdom.		Other Europe.		Total Europe.	
	Corn.	Corn meal.	Corn.	Corn meal.	Corn.	Corn meal.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869.....	4, 257, 591	4, 304	8, 321	50	4, 440, 675	4, 641
1870.....	40, 900	6, 363	403	50	84, 674	6, 705
1871.....	5, 905, 445	1, 220	350	625	6, 111, 450	1, 876
1872.....	25, 779, 331	1, 757	24, 349	70	26, 756, 764	1, 859
1873.....	29, 334, 759	935	20, 472	141	29, 983, 070	1, 343
1874.....	26, 299, 323	1, 757	257, 078	5, 545	27, 972, 008	7, 663
1875.....	23, 387, 367	4, 016	60, 317	.....	24, 960, 879	4, 228
1876.....	42, 452, 240	279	205, 855	1, 638	44, 379, 801	1, 942
1877.....	55, 466, 435	9, 492	1, 252, 719	875	60, 978, 695	10, 780
1878.....	65, 915, 851	7, 088	3, 861, 314	247	76, 102, 731	8, 343
1879.....	64, 506, 311	4, 808	2, 415, 697	1, 152	76, 937, 322	7, 494
1880.....	55, 635, 347	17, 434	8, 907, 793	181	89, 281, 957	18, 437
1881.....	53, 014, 142	8, 879	6, 448, 772	291	81, 990, 460	12, 007
1882.....	28, 664, 924	1, 070	2, 096, 018	164	37, 729, 200	6, 212
1883.....	30, 010, 671	6, 242	899, 801	295	36, 133, 487	6, 814
1884.....	26, 436, 771	5, 032	2, 176, 065	460	36, 239, 149	6, 192
1885.....	32, 298, 606	1, 652	2, 743, 150	190	45, 137, 179	2, 507
1886.....	37, 871, 149	713	2, 088, 671	346	55, 955, 065	3, 114
1887.....	24, 265, 983	403	2, 558, 842	317	34, 458, 885	1, 317
1888.....	14, 259, 487	4, 550	913, 812	185	19, 237, 241	4, 743
1889.....	41, 096, 727	1, 274	2, 259, 421	181	60, 043, 851	2, 031
1890.....	54, 601, 034	14, 041	6, 630, 143	827	89, 662, 689	16, 851
1891.....	14, 131, 181	19, 990	913, 361	.....	23, 533, 227	21, 171

BREADSTUFFS IN LATIN AMERICA.

Quantities of corn and corn meal of domestic production exported, etc.—Continued,

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	British Possessions in North America.		Mexico.		West Indies.	
	Corn.	Corn meal.	Corn.	Corn meal.	Corn.	Corn meal.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869.....	2, 168, 144	126, 218	72, 216	7	* 335, 439	176, 884
1870.....	729, 630	39, 749	62, 859	2	* 448, 198	139, 368
1871.....	2, 970, 733	69, 287	173, 585	102	* 549, 288	140, 133
1872.....	7, 329, 098	146, 121	21, 039	29	* 325, 487	159, 220
1873.....	7, 623, 255	197, 070	104, 146	304	† 719, 617	189, 725
1874.....	5, 348, 938	183, 328	55, 881	87	† 933, 667	181, 021
1875.....	3, 292, 780	129, 124	9, 862	221	† 519, 284	143, 144
1876.....	4, 033, 062	154, 907	93, 487	187	† 847, 280	181, 758
1877.....	9, 038, 881	271, 820	64, 776	109	† 597, 855	137, 440
1878.....	7, 633, 468	232, 047	288, 109	548	† 690, 055	174, 453
1879.....	7, 297, 027	211, 927	126, 613	505	1, 293, 790	162, 660
1880.....	7, 187, 203	169, 131	85, 702	690	956, 368	147, 285
1881.....	8, 127, 809	182, 731	352, 510	182	887, 146	217, 889
1882.....	3, 890, 719	127, 852	419, 263	161	833, 210	143, 971
1883.....	3, 195, 997	121, 000	476, 453	1, 560	576, 978	125, 871
1884.....	6, 384, 873	112, 207	1, 994, 776	1, 919	513, 109	122, 818
1885.....	3, 483, 705	106, 528	2, 058, 937	2, 445	630, 935	135, 868
1886.....	5, 474, 640	120, 117	1, 263, 953	1, 089	589, 706	157, 448
1887.....	4, 109, 226	132, 653	894, 496	1, 386	713, 861	121, 313
1888.....	4, 089, 447	135, 523	216, 468	901	516, 964	116, 888
1889.....	8, 074, 990	159, 347	434, 997	799	620, 263	140, 682
1890.....	9, 694, 169	188, 411	961, 458	1, 202	1, 193, 807	146, 028
1891.....	5, 023, 841	122, 682	615, 332	2, 256	993, 633	161, 393

* Includes all French Possessions in America, British Guiana, British Honduras, Dutch Guiana, and Denmark.

† Includes French Guiana, Dutch Guiana, British Honduras, and Denmark.

‡ Includes French Guiana, Dutch Guiana, and British Honduras.

Quantities of corn and corn meal of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Central America.		Brazil.		Other South America.	
	Corn.	Corn meal.	Corn.	Corn meal.	Corn.	Corn meal.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869		120	3,000	240	21,171	485
1870	260	294	46,992	55	18,955	440
1871	205	4	600	60	17,400	191
1872	1,183	396	8,788	4	48,328	1,104
1873	10,744	61	29,270	112	54,113	13,996
1874	8,394	208	12,202	241	73,211	14,845
1875	392	22	14,838	80	58,185	14,133
1876	5,683	77	45,163	42	82,455	14,540
1877	1,479	33	2,410	62	172,857	9,266
1878	2,929	175	167,154	2,100	263,144	12,977
1879	18,110	185	21,680	150	197,946	10,999
1880	107,821	135	62,720	2	165,195	13,610
1881	13,743	561	326	10	406,286	19,977
1882	14,829	160			281,347	9,185
1883	36,291	211		35	102,191	10,693
1884	6,526	124	10	9	80,703	8,920
1885	7,779	124		13	475,455	11,988
1886	12,991	232	202	52	259,628	9,230
1887	39,693	144	3,256	25	61,270	7,160
1888	95,731	516	453	115	60,174	11,089
1889	18,805	603	51,152	869	294,482	6,959
1890	82,054	563	38,985	179	281,610	6,815
1891	186,816	387	10,341	23	230,036	8,280

Quantities of corn and corn meal of domestic production exported, etc.—Continued.

Year ending June 30—	COUNTRIES TO WHICH EXPORTED.					
	Oceanica.		All other countries.		Total.	
	Corn.	Corn meal.	Corn.	Corn meal.	Corn.	Corn meal.
	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>	<i>Bushels.</i>	<i>Barrels.</i>
1869	5,925	774	27	498	7,047, 197	309, 867
1870	314	239	233	241	1, 392, 115	187, 093
1871	3, 048	77	.....	81	9, 826, 309	211, 811
1872	850	4	113	103	34, 491, 650	308, 840
1873	876	278	16, 839	222	38, 541, 930	403, 111
1874	845	33	29, 460	381	34, 434, 606	387, 807
1875 .....	.....	480	2, 200	222	28, 858, 420	291, 654
1876 .....	.....	250	6, 641	537	49, 493, 572	354, 240
1877	496	1, 450	3, 534	305	70, 860, 983	447, 907
1878	537	5	312, 971	2, 105	85, 461, 098	432, 753
1879	21, 323	347	382, 441	2, 893	86, 296, 252	397, 160
1880	18, 302	627	304, 609	696	98, 169, 877	350, 613
1881	8, 264	803	121, 631	833	91, 908, 175	434, 993
1882	9, 461	667	6, 886	734	43, 184, 915	288, 942
1883	8, 632	262	56, 796	761	40, 586, 825	267, 207
1884	22, 575	119	5, 769	471	45, 247, 490	252, 779
1885	24, 007	164	16, 419	873	51, 834, 416	260, 510
1886	19, 005	1, 380	80, 243	884	63, 655, 433	293, 546
1887	20, 426	331	6, 138	1, 004	40, 307, 252	265, 333
1888	55, 874	.....	6, 065	838	24, 278, 417	270, 613
1889	47, 349	.....	7, 040	896	69, 592, 929	312, 186
1890	51, 371	.....	7, 574	1, 199	101, 973, 717	361, 248
1891	20, 679	.....	154, 308	2, 137	30, 768, 213	318, 329

UNITED STATES.

PRODUCTION OF BREADSTUFFS IN THE UNITED STATES.

The production in bushels and the values of the principal breadstuffs in the United States for ten years is indicated in the statement below, from reports of the United States Department of Agriculture:

Year.	Corn.		Wheat.	
	Production.	Value.	Production.	Value.
	<i>Bushels.</i>	<i>Dollars.</i>	<i>Bushels.</i>	<i>Dollars.</i>
1881.....	1, 194, 916, 000	759, 482, 170	383, 280, 090	456, 880, 427
1882.....	1, 617, 025, 100	783, 867, 175	504, 185, 470	444, 602, 125
1883.....	1, 551, 066, 895	658, 051, 485	421, 086, 460	383, 649, 272
1884.....	1, 795, 528, 000	640, 735, 560	512, 765, 000	330, 862, 260
1885.....	1, 936, 176, 000	635, 674, 360	357, 112, 000	275, 320, 390
1886.....	1, 665, 441, 000	610, 311, 000	457, 218, 000	314, 226, 020
1887.....	1, 456, 161, 000	646, 106, 770	456, 329, 000	310, 612, 960
1888.....	1, 987, 790, 000	677, 561, 580	415, 868, 000	385, 248, 030
1889.....	2, 112, 892, 000	597, 918, 829	490, 560, 000	342, 491, 707
1890.....	1, 489, 970, 000	754, 433, 451	399, 262, 000	334, 773, 678
1891.....	2, 060, 154, 000	836, 439, 228	611, 780, 000	513, 472, 711

Year.	Oats.		Rye.	
	Production.	Value.	Production.	Value.
	<i>Bushels.</i>	<i>Dollars.</i>	<i>Bushels.</i>	<i>Dollars.</i>
1881.....	416, 481, 000	193, 198, 970	20, 704, 950	19, 327, 415
1882.....	488, 250, 610	182, 978, 022	29, 960, 037	18, 439, 194
1883.....	571, 302, 400	187, 040, 264	28, 058, 582	16, 300, 503
1884.....	583, 628, 000	161, 528, 470	28, 640, 000	14, 857, 040
1885.....	629, 409, 000	179, 631, 860	21, 756, 000	12, 594, 820
1886.....	624, 134, 000	186, 137, 930	24, 489, 000	13, 181, 330
1887.....	659, 618, 000	200, 699, 790	20, 693, 000	11, 283, 140
1888.....	701, 735, 000	195, 424, 240	28, 415, 000	16, 721, 869
1889.....	751, 515, 000	171, 781, 008	.....	.....
1890.....	523, 621, 000	222, 048, 486	.....	.....
1891.....	738, 394, 000	232, 312, 267	.....	.....

The total wheat production of the world for 1889, 1890, and 1891 is indicated in the following tabular statements:

The world's wheat crop for 1889.

[From Report of the Department of Agriculture, Washington.]

Countries.	Foreign measure.		Winchester bushels.
	Denomination.	Number of units.	
North America:			
United States.....			490, 560, 000
Canada:			
Ontario.....	Imp. bushels.....	18, 699, 572	19, 288, 983
Manitoba.....	do.....	7, 201, 519	7, 428, 511
Other provinces.....			4, 500, 000
			521, 777, 494
South America:			
Argentine Republic.....	Hectoliters.....	4, 000, 000	11, 350, 000
Chile.....	do.....	4, 500, 000	12, 768, 750
Europe:			24, 118, 750
Austria-Hungary:			
Austria.....			42, 000, 000
Hungary.....	Quintals.....	25, 588, 406	94, 020, 333
Belgium.....			19, 000, 000
Denmark.....			5, 000, 000
France.....	Hectoliters.....	111, 460, 218	316, 268, 369
Germany.....			82, 000, 000
Great Britain and Ireland:			
Great Britain.....	Imp. bushels.....	73, 267, 007	75, 576, 383
Ireland.....	Cwts.....	1, 436, 163	2, 680, 838
Greece.....			5, 000, 000
Italy.....	Hectoliters.....	36, 592, 900	103, 832, 354
Netherlands.....	do.....	2, 000, 000	5, 675, 000
Portugal.....	do.....	3, 000, 000	8, 512, 500
Roumania.....	do.....	15, 783, 208	44, 784, 853
Russia.....	Chetverts.....	31, 654, 800	188, 535, 989
Servia.....			5, 000, 000
Spain.....	Hectoliters.....	26, 651, 000	75, 622, 213
Sweden and Norway:			
Sweden.....	Hectoliters.....	1, 306, 800	3, 708, 045
Norway.....	do.....	100, 000	283, 750
Switzerland.....	do.....	800, 000	2, 270, 000
Turkey and dependencies.....	do.....	14, 000, 000	39, 725, 000
			1, 119, 495, 627
Asia:			
India.....	Tons.....	6, 510, 979	243, 076, 549
Asia Minor.....	Hectoliters.....	13, 000, 000	36, 887, 500
Persia.....	do.....	8, 000, 000	22, 500, 000
Syria.....	do.....	4, 500, 000	12, 768, 750
			315, 232, 799
Africa:			
Algeria.....	Hectoliters.....	8, 000, 000	22, 500, 000
Egypt.....	do.....	2, 800, 000	7, 945, 000
Cape of Good Hope.....			3, 800, 000
			34, 245, 000
Australasia.....			26, 205, 957
Grand total for the world.....			2, 041, 075, 627

The world's wheat production in 1890.

Countries.	Foreign measure.		Winchester bushels.
	Denomination.	Number of units.	
North America:			
United States.....			399, 262, 000
Canada.....			
Ontario.....	Imperial bushels.	24, 460, 420	25, 231, 412
Other provinces.....			14, 000, 000
			438, 493 412
South America:			
Argentine Republic.....	Tons, metric.....	1, 135, 000	41, 703, 683
Chile.....	Quarters.....	2, 250, 000	18, 567, 360
Europe:			60, 271, 043
Austria-Hungary—			
Austria.....	Quintals.....	14, 000, 000	51, 440, 667
Hungary.....	..do.....	45, 000, 000	165, 345, 000
Belgium.....	Hectoliters.....	6, 898, 000	19, 573, 075
Denmark.....	Quarters.....	700, 000	5, 776, 512
France.....	Hectoliters.....	119, 436, 872	338, 902, 124
Germany.....	Quarters.....	11, 500, 000	94, 899, 840
Great Britain and Ireland:			
Great Britain.....	Imperial bushels.	73, 354, 484	75, 666, 617
Ireland.....	Cwt.....	1, 413, 964	2, 639, 399
Greece.....	Quarters.....	1, 500, 000	12, 378, 240
Italy.....	Hectoliters.....	44, 631, 100	126, 640, 746
Netherlands.....	Quarters.....	750, 000	6, 189, 120
Portugal.....	..do.....	1, 000, 000	8, 252, 160
Roumania.....	..do.....	7, 750, 000	63, 954, 240
Russia in Europe (excluding Poland).....	Chetverts.....	33, 200, 000	197, 739, 200
Poland.....	Hectoliters.....	4, 350, 000	22, 343, 125
Servia.....	Quarters.....	1, 250, 000	10, 315, 200
Spain.....	..do.....	8, 500, 000	70, 143, 360
Sweden and Norway:			
Sweden.....	Hectoliters.....	1, 394, 200	3, 956, 043
Norway.....	Quarters.....	50, 000	412, 608
Switzerland.....	..do.....	300, 000	2, 475, 648
Turkey and dependencies.....	..do.....	4, 500, 000	37, 134, 720
			1, 316, 177, 644
Asia:			
India.....	Tons of 2,240 lbs.	6, 303, 900	235, 345, 600
Asia Minor.....	Quarters.....	4, 500, 000	37, 134, 720
Persia.....	..do.....	2, 750, 000	22, 693, 440
Syria.....	..do.....	1, 500, 000	12, 378, 240
			307, 552, 000
Africa:			
Algeria.....	Quarters.....	2, 750, 000	22, 693, 440
Cape Colony.....	..do.....	450, 000	3, 713, 472
Egypt.....	..do.....	1, 000, 000	8, 252, 160
Tunis.....	Hectoliters.....	1, 500, 000	4, 256, 250
			38, 915, 322
Australasia.....			42, 480, 131
Grand total for the world...			2, 203, 889, 552

BREADSTUFFS IN LATIN AMERICA.

World's wheat crop, 1891.

[From Report of the Department of Agriculture.]

Countries.	Foreign measure.		Winchester bushels.
	Denomination.	Number of units.	
North America:			
United States			*611, 780, 000
Canada:			
Ontario.....	Imperial bushels .	32, 584, 026	*33, 611, 074
Manitoba.....	do	23, 191, 599	*23, 922, 598
Total.....			669, 313, 672
South America:			
Argentine Republic	Metric tons	900, 000	33, 069, 000
Chile.....	Hectoliters	5, 000, 000	14, 187, 500
Total.....			47, 256, 500
Europe:			
Austria-Hungary:			
Austria.....	Hectoliters	14, 500, 000	41, 143, 750
Hungary	do	44, 500, 000	*126, 268, 750
Belgium.....	do	5, 000, 000	14, 187, 500
Bulgaria.....	Quarters	4, 850, 000	40, 022, 976
Denmark.....	do	450, 000	3, 713, 472
France.....	Hectoliters	81, 889, 070	*232, 360, 236
Germany.....	do	44, 495, 000	*126, 254, 663
Great Britain and Ireland:			
Great Britain.....	Imperial bushels .	72, 127, 263	*74, 400, 714
Ireland.....	Cwts	1, 401, 127	*2, 615, 437
Greece.....	Hectoliters	2, 000, 000	5, 675, 000
Italy.....	do	44, 687, 900	*126, 801, 916
Netherlands.....	Quarters	450, 000	3, 713, 472
Portugal.....	do	1, 000, 000	8, 252, 160
Roumania.....	Hectoliters	18, 704, 382	53, 073, 684
Russia in Europe (exclusive of Poland)	Chetverts	28, 393, 000	*169, 108, 708
Poland.....	do	2, 129, 100	*12, 680, 920
Servia.....	Hectoliters	2, 800, 000	7, 945, 000
Spain.....	do	25, 145, 055	*71, 349, 094
Sweden and Norway:			
Sweden.....	do	1, 604, 000	*4, 551, 350
Norway.....	Quarters	50, 000	412, 608
Switzerland.....	Quintals.....	1, 100, 000	*4, 041, 766
Turkey.....	Quarters	4, 000, 000	33, 008, 640
Total.....			1, 161, 581, 716
Asia:			
India.....	Tons	6, 842, 000	*255, 434, 667
Asia Minor.....	Hectoliters	13, 050, 000	37, 029, 375
Caucasus.....	Quarters.....	9, 000, 000	74, 269, 440
Persia.....	do	2, 500, 000	20, 630, 400
Syria.....	Hectoliters	4, 350, 000	12, 343, 125
Total.....			399, 707, 007

* Official, either final or preliminary.

World's wheat crop, 1891—Continued.

Countries.	Foreign measure.		Winchester bushels.
	Denomination.	Number of units.	
Africa:			
Algeria.....	Hectoliters	7, 500, 000	21, 281, 250
Cape Colony.....	Quarters.	500, 000	4, 126, 080
Egypt	...do	1, 350, 000	11, 140, 416
Tunis	Hectoliters	1, 500, 000	4, 256, 250
Total.....	.....	.....	40, 803, 996
Australasia	Imperial bushels .	32, 839, 505	*33, 874, 606
Grand total .....	.....	.....	2, 352, 537, 497

* Official, either final or preliminary.

In the foregoing table the figures not marked by a star are commercial estimates. Many of the official estimates are preliminary and are likely to be considerably changed by the final statement.



